

SIR SAFETY SYSTEM

A light on the future

AFTER 40 YEARS IN BUSINESS, SIR SAFETY SYSTEM IS PROUD TO BE ONE OF THE GLOBAL PLAYERS AMONG COMPANIES THAT PROTECT PEOPLE AT THEIR WORKPLACE.

THE BEATING HEART OF THE COMPANY IS
THE MODERN HEADQUARTERS IN ASSISI, IN
ITALY'S GREEN HEART, WHICH HAS ALWAYS
BEEN A SYNONYMOUS FOR TRADITION AND

LAND OF PEACE, BESIDES INSPIRING
STRONGLY ETHICAL ENTERPRISES.
SIR SAFETY SYSTEM WAS INDEED BORN
HERE, 40 YEARS AGO, WITH A MARKED AND
BURNING DESIRE TO GIVE A SENSE
TO ITS MISSION: PROTECTING
HUMAN BEINGS WHILE THEY WORK.
STARTING FROM ITALY, SIR SAFETY SYSTEM



YOUR PROTECTOR



HAS SET UP NEW ADDITIONAL DELOCALISED
PRODUCTION FACILITIES IN TIMISOARA, ROMANIA AND
IN SHANGHAI, CHINA, WHERE THE COMPANY PRODUCES
AND RESPONDS TO THE PROTECTION NEEDS OF THOSE
NEW INDUSTRIAL WORLDS THAT ARE ENTERING THE
MARKET OF THE NEW MILLENNIUM. SIR SAFETY SYSTEM
FIRMLY BELIEVES THAT, COMPARED TO 40 YEARS AGO,
THE FUTURE OF WORKERS AND THEIR SAFETY IS

BRIGHTER, THANKS TO INNOVATIVE MATERIALS AND A NEW MINDSET FUELLING THIS TREND.

TODAY, AFTER 40 YEARS OF ACTIVITY, NEW GENERATIONS ARE TAKING THE STAGE AT "SIR". THEY ARE MORE AND MORE MOTIVATED TO CONTRIBUTE TO A BETTER WORLD, ILLUMINATING WITH THEIR IDEAS, THEIR INNOVATIONS AND THEIR WORK THE WORKPLACES OF THE FUTURE. AN EVER BRIGHTER WORLD TO COME.





ABOUT 4 MILLION ACCIDENTS OCCUR IN EUROPE EVERY YEAR, ENTAILING SERIOUS CONSEQUENCES FOR WORKERS.
SIR SAFETY SYSTEM, THE WORKERS'
PROTECTOR, PROVIDES ITS DEDICATION AND EXPERIENCE TO TACKLE THIS SERIOUS PROBLEM.

SIR HAS ESTABLISHED A STRUCTURE
OF TECHNICIANS IN THE FIELD, ABLE
TO MEET THE SPECIAL NEEDS OF ITS
CUSTOMERS, NOT JUST WITH EXPERT
CONSULTANCY SERVICES, BUT ALSO WITH
CUSTOMISED SOLUTIONS DESIGNED FOR
THE SPECIFIC ISSUES OF EACH WORKING
ENVIRONMENT.

THAT IS HOW NEW PRODUCT LINES WERE DEVELOPED, SPECIFICALLY TESTED IN

THE FIELD AND DEVISED WITHIN THE PRODUCTIVE DEPARTMENTS TO BE PROTECTED.

THIS CATALOGUE ITSELF INCLUDES NEW AND PREVIOUSLY UNSEEN PROTECTION SOLUTIONS, THE RESULT OF TEAMWORK'S RESEARCH AND DEVELOPMENT. IT IS THANKS TO THESE INNOVATIONS THAT SIR INTRODUCES ITSELF AS THE IDEAL PARTNER FOR THOSE WHO NEED PROTECTION.

TODAY, SIR IS INCREASINGLY A LANDMARK COMPANY IN ITS SECTOR, AND GLOBAL COMPANIES RELY ON SIR AS A COMPETENT PARTNER THEY CAN ENTRUST WITH THE SAFETY OF THEIR WORKERS, DAY AFTER DAY.





SHOWROOM







SHOWROOM



PRODUCTION DEPARTMENT SIRTECH ROMANIA

SIRTECH,



ASSEMBLING DEPARTMENT

CUSTOMISATION AND PRINTING DEPARTMENT



CUTTING DEPARTMENT



EMBROIDERY DEPARTMENT

TAILORING DEPARTMENT



Functional Clothing

- CHARACTERISTICS OF THE FABRICS
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Our fabric Our tabracs make the difference

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SAFETY	SYSTEM

SERIES	MATERIALS
SYMBOL WHITE	100% Sanforized Massaua Cotton 2/1
SYMBOL	100% Sanforized Massaua Cotton 2/1
TECH	100% Sanforized Massaua Cotton 3/1
SUMMER TECH	100% Gabardine cotton 3/1
EVOLUTION	65% Polyester - 35% Cotton
EVOLUTION	65% Polyester - 35% Cotton
NEVADA PLUS	100% Massaua cotton 3/1
	100% Fustian cotton
	100% Gabardine cotton 3/1
FUCION	65% Polyester - 35% Cotton
FUSION	100% Massaua cotton 3/1
	100% Fustian cotton
FUSTIAN	100% Sanforized Fustian cotton
HARRISON	65% Polyester - 35% Cotton
GEMINI STRETCH	65% Polyester - 35% Cotton stretch canvas
HARD WEAR DENIM	85% Cotton - 15% Nylon Cordura®
HARD WEAR CANVAS	75% Cotton - 25% Nylon Cordura®
HARD WEAR INDUSTRIAL	65% Polyester - 35% Cotton
URBAN STRETCH	98% Cotton Twill - 2% Spandex
CLOTH 20/24	100% Cotton
TERITAL COTTON	65% Polyester - 35% Cotton
MISTRAL	55% Cotton - 45% Polyester
VELVET	60% Cotton - 40% Polyester
FLASH	100% Cotton
GREEN COLOUR	55% Cotton - 45% Polyester
HARD WEAR RUSH	80% Polyester - 20% Cotton
FLAME RETARDANT	100% Flame retardant cotton
POLYTECH	75% Cotton - 24% Polyester - 1% Antistatic fibre
POLYTECH 360	75% Cotton - 24% Polyester - 1% Antistatic fibre
POLYTECH PLUS	Laminated fabric
SUPERTECH	75% Cotton - 24% Polyester - 1% Antistatic fibre
LIGHT CARBOFLAME	99% Cotton - 1% Carbon fibre
CARBOFLAME	87% Cotton - 12% Nylon - 1% Carbon fibre
HEAVY CARBOFLAME	87% Cotton - 12% Nylon - 1% Carbon fibre
METAL SPLASH	54% Lenzing FR®- 20% Wool - 20% Polyamide - 1% Antistatic fibre

WEIGHT	CHARACTERISTICS	STANDARDS	Page ref.
260 g/m²	Soft, breathable	EN ISO 13688	14
280 g/m²	Comfortable, resistant	EN ISO 13688	18
280 g/m²	Comfortable	EN ISO 13688	26
200 g/m²	Lightweight, cool, breathable	EN ISO 13688	30
240 g/m²	Mechanical protection	EN ISO 13688	32
240 g/m²	Long-lasting	EN ISO 13688	34
280 g/m²	Comfortable	EN ISO 13688	34
350 g/m²	Fleece, winter wear	EN ISO 13688	34
200 g/m²	Lightweight, cool, breathable	EN ISO 13688	42
240 g/m²	Comfortable, breathable	EN ISO 13688	42
280 g/m²	Comfortable	EN ISO 13688	42
350 g/m²	Fleece, comfortable	EN ISO 13688	42
350 g/m²	Fleece, winter wear	EN ISO 13688	38
300 g/m²	Hard-wearing, comfortable	EN ISO 13688	48
260 g/m²	Wear-resistant, hard-wearing	EN ISO 13688	52
375 g/m²	Comfortable, resistant	EN ISO 13688, PRO	56
320 g/m²	Comfortable, long-lasting	EN ISO 13688, PRO	60
310 g/m²	Breathable, hard-wearing, long-lasting	EN ISO 13688, PRO	62
260 g/m²	Comfortable, cool	EN ISO 13688	66
120 g/m²	Lightweight, cool	EN ISO 13688	70-71-72-73
150 g/m²	Lightweight	EN ISO 13688	70-71-72-73
245 g/m²	High visibility summer wear	EN ISO 20471	172
350 g/m²	Winter high visibility	EN ISO 20471	178
305 g/m²	High visibility	EN ISO 20471	184
245 g/m²	High visibility	EN ISO 20471	182
300 g/m²	High visibility, hard-wearing, comfortable, long-lasting	EN ISO 20471, PRO	186
315 g/m²	Flame retardant, welding	EN ISO 11611, EN ISO 11612	132
280 g/m²	Multi-purpose protection, arc flash class 1	EN ISO 11611, EN ISO 11612, EN 1149-5, EN 13034, CEI EN 61482	142
360 g/m²	Winter multi-purpose protection, arc flash class 1	EN ISO 11611, EN ISO 11612, EN 1149-5, EN 13034, CEI EN 61482	142
250 + 150 g/m²	Multi-purpose protection, arc flash class 2	EN ISO 11611, EN ISO 11612, EN 1149-5, EN 13034, CEI EN 61482	148
280 g/m²	Multi-purpose protection, high visibility, arc flash class 1	EN ISO 11611, EN ISO 11612, EN 1149-5, EN 13034, EN ISO 20471, CEI EN 61482	152
230 g/m²	Flame retardant protection, welding	EN ISO 11611, EN ISO 11612, EN 1149-5	139
255 g/m²	Flame retardant protection, antistatic, arc flash	EN ISO 11611, EN ISO 11612, EN 1149-5, CEI EN 61482	139
255 g/m²	Flame retardant protection, antistatic, arc flash, thermal insulation	EN ISO 11612, EN 1149-5, EN 342, CEI EN 61482	140
330 g/m²	Multi-purpose protection, incandescent metals including aluminium	EN ISO 11611, EN ISO 11612, EN 1149-5	160

Sizing guide chart



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Λ	н	ы	11-1	HT
м.	- 11		U	

B. CHEST CIRCUMFERENCE

C. WAIST CIRCUMFERENCE

FUNCTIONAL CLOTHING							المسيميا	
	42	44	46	48	50	52	54	56
A. HEIGHT	154-158	158-162	162-166	166-170	170-174	174-178	178-182	182-186
B. CHEST CIRCUMFERENCE	86-90	90-94	94-98	98-102	102-106	106-110	110-114	114-118
C. WAIST CIRCUMFERENCE	74-78	78-82	82-86	86-90	90-94	94-98	98-102	102-106
			XS	S	M	L	XL	2XL
A. HEIGHT			148-156	156-164	164-172	172-180	180-188	188-196
B. CHEST CIRCUMFERENCE			84-90	90-96	96-102	102-108	108-114	114-120
C. WAIST CIRCUMFERENCE			72-78	78-84	84-90	90-96	96-102	102-108
TANKE WATERIAGE V D								
WINTER KNITWEAR			XS		14		VI	201
A. HEIGHT			XS 148-156	S 156-164	M 164-172	L 177-180	XL 180-188	2XL 188-196
B. CHEST CIRCUMFERENCE			84-90	90-96	96-102	102-108	100-100	114-120
3. Chear cincorn exerce			04-70	70-70	70-102	102-100	100-114	114 120
SUMMER KNITWEAR								
			XS	S	M	L	XL	2XL
A. HEIGHT			148-156	156-164	164-172	172-180	180-188	188-196
B. CHEST CIRCUMFERENCE			78-84	84-90	90-96	96-102	102-108	108-114
WEATHER RESISTANT C	LOTHING							
			XS	S	М	L	XL	2XL
A. HEIGHT			148-156	156-164	164-172	172-180	180-188	188-196
B. CHEST CIRCUMFERENCE			84-90	90-96	96-102	102-108	108-114	114-120
DISPOSABLE CHEMICAL	. PROTECTIV	E CLOTH	ING					
					М	L	XL	2XL
A. HEIGHT					164-172	172-180	180-188	188-196
B. CHEST CIRCUMFERENCE					96-104	104-112	112-118	118-12
HIGH RISK								
HIGH RISK	42	44	46	48	50	52	54	56
A. HEIGHT	42 154-158	158-162	162-166	166-170	170-174	174-178	178-182	182-186
B. CHEST CIRCUMFERENCE	82-86	86-90	90-94	94-98	98-102	102-106	106-110	110-114
C. WAIST CIRCUMFERENCE	74-78	78-82	82-86	86-90	90-94	94-98	98-102	102-106
y. WAIOT CHICOTH EILERGE	7410	70 02						
A. HEIGHT			XS	\$ 154 147	M 147 172	L 172 100	XL 100 100	2XL
B. CHEST CIRCUMFERENCE			148-156	156-164 90-96	164-172	172-180	180-188	188-19
3. CHEST CIRCUMITERENCE			84-90	70-70	96-102	102-108	108-114	114-12
HIGH VISIBILITY								
	42	44	46	48	50	52	54	56
A. HEIGHT	154-158	158-162	162-166	166-170	170-174	174-178	178-182	182-186
B. CHEST CIRCUMFERENCE	90-94	94-98	98-102	102-106	106-110	110-114	114-118	118-12
C. WAIST CIRCUMFERENCE	74-78	78-82	82-86	86-90	90-94	94-98	98-102	102-10
			XS	S	M	L	XL	2XL
A. HEIGHT			148-156	156-164	164-172	172-180	180-188	188-19

58	60	62	64
186-190	190-194	194-198	198-204
118-122	122-126	126-130	130-134
106-110	110-114	114-118	118-122
3XL			
196-204			
120-126			
108-114			
3XL			
196-204			
120-126			
3XL			

196-204		
120-126		
3XL		
3XL 196-204		

196-204

114-120

3XL

58	60	62	64
186-190	190-194	194-198	198-204
122-126	126-130	130-134	134-138
106-110	110-114	114-118	118-122
OVI			
3XL			
196-204			
122-130			

WOMEN						
	XS	S	M	L	XL	
A. HEIGHT	154/172	158/176	162/180	166/184	170/188	
B. CHEST CIRCUMFERENCE	78-84	84-90	90-96	96-102	102-108	

Protect those who protect you: care and washing instructions



THE HIGH QUALITY OF SIR SAFETY SYSTEM GARMENTS AND THE PERFORMANCE OF THE FABRICS ARE GUARANTEED BY SIR; BY FOLLOWING A FEW, SIMPLE GUIDELINES WHEN WASHING AND DRYING, THEIR CHARACTERISTICS WILL REMAIN UNCHANGED OVER TIME. THE DATA SHEETS AND THE LABELS INSIDE THE GARMENTS INDICATE, IN A CONCISE BUT DETAILED MANNER, HOW TO TAKE CARE OF THE GARMENTS, INDICATING THE MOST CORRECT WASHING METHOD IN ORDER TO PRESERVE THE CLOTHING AS NEW AND MAINTAIN THEIR PROTECTIVE CHARACTERISTICS. THE FOLLOWING TABLE SHOWS THE SYMBOLS AND THEIR MEANINGS FOR EASY READING AND QUICK UNDERSTANDING OF GARMENT LABELLING.



DRY FLAT

HANG TO DRY IN THE

Customisation

SAFETY FIRST, THEN THE IMAGE.
SIR CLOTHING, IN ADDITION TO
BEING PROTECTIVE, CAN ALSO
CONVEY THE COMPANY'S IMAGE,
TRANSMITTING SERIOUSNESS AND
PROFESSIONALISM. THANKS TO
THE IN-HOUSE CUSTOMISATIONS
DEPARTMENT THAT USES
PROFESSIONAL EXPERTS AND THE
STATE-OF-THE-ART TECHNOLOGY,

SIR CAN CUSTOMISE GARMENTS
USING DIFFERENT TECHNIQUES,
INCLUDING: HOT-PRESSED LABELS,
SCREEN PRINTING, SEWING OF
EMBROIDERED OR FLOCKED LABELS,
HEAT-TRANSFER AND DIRECT
EMBROIDERY ON CLOTHING.

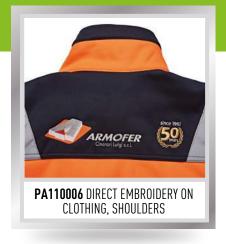








Screen printing is a printing technique which consists in transferring coloured inks directly onto the garments. Choose colours in contrast with the fabric they must be applied on, so they are clearly visible. Please respect the minimum quantities indicated in the price list. Reference printing plate: code **PA150002**









Embroidery is a customisation obtained by industrial machine that creates patterns/lettering with coloured thread, directly on the fabric. Choose colours in contrast with the fabric they must be applied on, so they are clearly visible.

Reference setup: code **PA150004**

This type of customisation is made in coloured PVC, carved by plotter and heat- transferred onto garments.

Reference printing plate: code **PA150005**

White plastic label, printed with a plotter; it offers bright colours and the possibility to get shaded tones. It is then applied on the garments by heat. It cannot be used on fabrics with very thick weave such as beanies or pullovers.

Reference printing plate: code **PA150001**

PA150001 Printing plate for screen printing, hot-pressed, flock, adhesive label - small size

PA150002 Printing plate for screen printing, hot-pressed, flock label - large size
 PA150003 Setup for direct embroidery on garment or on label - small size
 PA150004 Setup for direct embroidery on garment or on label - large size
 PA150005 Printing plate for carved heat-transfer - small or large size









Embroidery is a customisation obtained by industrial machine that creates patterns/lettering with coloured thread, directly on the fabric. Choose colours in contrast with the fabric they must be applied on, so they are clearly visible. Reference setup: code **PA150003** Possibility of producing customised trimming.









Sticker with white or transparent background, colour-printed with plotter.
Possibility of shaded patterns.

Reference printing plate: code **PA150001** (of suitable size) Label made by embroidery on a cloth/felt support, the colour of which is optional. It is then applied to the clothing by sewing.

Reference setup: code **PA150003**

This is a special label, printed with plotter on white flocked plastic support, that is sewn on padded/weather resistant clothing. Possibility of shaded patterns.

Reference setup: code **PA150001**

Screen printing is a printing technique which consists in transferring coloured inks directly onto the garments. Choose colours in contrast with the fabric they are applied on, so they are clearly visible. Please respect the minimum quantities indicated in the price list.

Reference printing plate: code **PA150001**

FUNCTIONAL RECOMMENDED WHITE CLOTHING • FOOD PROCESSING CLEANING MAINTENANCE PHARMACEUTICAL INDUSTRY • CHEMICAL LABORATORIES TESTING LABORATORIES MC2321K1 **BAHAMAS CAP** MATERIAL: 100% cotton and polyester mesh fabric COLOUR: white SIZES: one size fits all · Baseball cap · Adjustable width MC2311K1 **WOMEN HAIRNET** MATERIAL: 100% cotton COLOUR: white SIZES: one size fits all · Wide cotton hairnet with peak · Hairnet in perforated cloth

MC1135K1

SYMBOL SHORT JACKET

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 260 g/m² COLOUR: white

SIZES: 44-62

- Concealed closure with five metal buttons detected by metal detector
- Cuffs and pockets fastened with metal snap buttons
- · Jointed double stitched seams

MC1131K1

SYMBOL TROUSERS

N ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 260 g/m^2 **COLOUR:** white

SIZES: 38-62

- $\cdot\,$ Fly with metal button and plastic zipper
- · Back pocket with metal button closure
- · Waist loops
- · Side welt pockets
- · Pocket on left leg closed with metal button
- Jointed double stitched seams

MC1137K1

SYMBOL COVERALL

EN ISO 13688

 $\textbf{MATERIAL:} \ 100\% \ Sanforized \ Massaua \ cotton \ 2/1, \ 260 \ g/m^2$

COLOUR: white SIZES: 44-62

- \cdot Two-way central zipper closure
- · Shirt collar
- · Back elasticated waistband
- · Two side pockets
- · Zippered chest pocket
- Jointed double stitched seams





MC1134K1

SYMBOL JACKET

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 260 g/m²

COLOUR: white **SIZES:** 42-62

· Concealed closure with five metal buttons detected by metal detector

- · Chinese collar
- · Inner chest pocket
- · Elasticated cuffs



MC1133K1

SYMBOL BIB-TROUSERS

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1,

260 g/m² COLOUR: white **SIZES:** 44-62

- · Elastic shoulder straps with quick-fastening buckle
- · Bib with zippered central pocket
- · Rear bib
- · Back pocket
- · Adjustable waist with buttons
- · Two front pockets
- · Right ruler pocket
- · Jointed double stitched seams

MC2633K1 FOX APRON

MATERIAL: Terital/cotton, 65% polyester and 35% cotton, 150 g/m²

COLOUR: white

SIZES: one size fits all

- · Closure with fabric string
- · Adjustable collar width with snap buttons
- · Side pocket
- · Dimensions cm 69x92







MC1148K1

MEN'S SYMBOL COAT

EN ISO 13688

MATERIAL: 100% cotton Twill, 200 g/m²

COLOUR: white **SIZES:** 44-62

· Closure with six metal buttons detected by metal detector

- · Side pockets
- · Chest pocket with pen holder
- $\cdot \ \text{Elasticated cuffs}$
- · Rear slit

MC1158K1 WOMEN'S SYMBOL COAT

EN ISO 13688

MATERIAL: 100% cotton Twill, 200 g/m²

COLOUR: white **SIZES:** 38-56

· Women's fit

MC1168K1 MEN'S SYMBOL STRETCH

COAT EN ISO 13688

MATERIAL: Twill fabric 65% polyester, 32% cotton, 3% Lycra, 200 g/m²

COLOUR: white **SIZES:** 44-62

- · Ergonomic cut yoke
- · Closure with six metal buttons detected by metal detector
- · Side pockets and chest pocket with pen holder
- · Elasticated cuffs
- · Rear slit

MC1178K1 LADIES' SYMBOL STRETCH COAT EN ISO 13688

MATERIAL: Twill fabric 65% polyester, 32% cotton, 3% Lycra, 200 g/m²

COLOUR: white **SIZES:** 38-56

- Women's fit
- · Rear martingale

FUNCTIONAL WHITE CLOTHING







MC2815K1 **BUSINESS SHIRT**

MATERIAL: 80% cotton and 20% polyester, 120 g/m² **COLOUR:** white

SIZES: 38-46

- · Button-down collar
- · Two-button cuffs
- · Chest pocket



MC3012K1 SIRFLEX T-SHIRT

MATERIAL: Jersey fabric 100% combed cotton 140 g/m² COLOUR: white

SIZES: XS-4XL

- · Round neck T-shirt
- · Jersey collar
- · Side seams





MC3124K1

SIRFLEX ZIP COLLAR SWEATSHIRT

MATERIAL: 50% cotton and 50% polyester, 280 g/m² **COLOUR:** white

SIZES: XS-3XL

- · Collar with zipper closure
- · Internal seam covering fabric tape
- · Elastic knitted cuffs and waistband
- · Chain stitching in contrasting colour



MC3016K1

LONG-SLEEVED POLO SHIRT

MATERIAL: Honeycomb piquet fabric 100% cotton, 200 g/m²

COLOUR: white SIZES: S-3XL

- · Three buttons-closure
- · Long sleeves with stretch knitted cuffs
- · Collar with seam covering fabric tape
- · Double stitching on shoulders and armhole
- · Silicone treatment that maintains colour brightness and softness



MC3018K1

SIRFLEX POLO SHIRT

MATERIAL: Honeycomb piquet fabric 100% cotton, 210 g/m^2

COLOUR: white SIZES: S-3XL

- · Short-sleeved polo shirt
- · Collar with two buttons and taped seams
- · Knitted trims on sleeves
- · Armholes and shoulders with double stitching
- · Silicone treatment that maintains colour brightness



MC3024K1

SIRFLEX LONG-SLEEVED T-SHIRT

MATERIAL: Jersey fabric 100% cotton, 160 g/m²

COLOUR: white SIZES: S-3XL

- · Long-sleeved, round neck T-shirt
- · Elastic knitted cuffs and collar

MC2647K1 MEN'S LAB COAT

EN ISO 13688

MATERIAL: 65% polyester and 35% Sanforized cotton, 150 g/m²

COLOUR: white **SIZES: 44-62**

- Concealed four snap buttons closure
- · Two side pockets
- · Chest pocket with pen holder
- · Rear slit
- · Elasticated cuffs

MC2646K1 LADIES' LAB COAT

EN ISO 13688

MATERIAL: 65% polyester and 35% Sanforized cotton, 150 g/m²

COLOUR: white **SIZES: 38-56**

- Concealed five snap buttons closure
- · Two side pockets
- · Chest pocket with pen holder
- · Rear slit
- · Cuffs fastened with button



THERMO WHITE SERIES



MC3129K1

VICTORY MICRO-FLEECE

MATERIAL: Highly compact fleece 100% polyester, 144 filaments, 230 g/m²

COLOUR: white SIZES: S-3XL

- · Zipper collar
- · Chest pocket with concealed zipper closure
- · Waist drawstring
- · Contrasting profiles





MC5316K1

THERMO BODYWARMER

EN 14058

MATERIAL: High frequency laminated seamless fabric, 100% polyester, padding 100 g/m²

COLOUR: white SIZES: S-3XL

- · Front zipper closure
- · Two lower pockets
- \cdot Elasticated armhole and bottom
- \cdot Turtleneck collar with fleece lining
- $\cdot \ \text{Softshell windproof inserts}$









MC5314K1

THERMO JACKET

EN 14058

MATERIAL: High frequency laminated seamless fabric, 100% polyester, padding 100 g/m²

COLOUR: white SIZES: S-3XL

- · Front zipper closure
- · Two lower pockets
- · Elasticated armhole and bottom
- · Turtleneck collar with fleece lining
- · Softshell windproof inserts

MC5325K1

THERMO JACKET

EN 14058

MATERIAL: High frequency laminated seamless fabric, padding 100 g/m²

COLOUR: white SIZES: XS-3XL

· Women's model



MC5311K1

THERMO TROUSERS

EN 14058

MATERIAL: High frequency laminated seamless fabric, 100% polyester

COLOUR: white SIZES: S-3XL

- · Classic cut front pockets
- · Back welt pocket
- · Waistband with adjustable drawstring
- · Softshell windproof inserts







ISYMBOL

SANFORIZED MASSAUA COTTON 2/1

RECOMMENDED FOR

- METALWORKING **INDUSTRY**
- CONSTRUCTION
- LOGISTICS
- TRANSPORT
- PLUMBING
- ELECTRICAL SECTOR
- MAINTENANCE







MC1125R7 Fabric 250 g/m² COLOUR: green



MC1115B4 COLOUR: grey



MC1115P8 COLOUR: royal blue

MC1115Q7 SYMBOL SHORT JACKET

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 280 g/m²

COLOUR: navy blue **SIZES:** 44-62

- · Concealed five-button closure
- · Chest pockets with flap and buttons
- · Cuffs fastened with button
- · Triple stitching on the shoulders
- · Seams and bar tacks in contrasting colour

MC1111Q7 SYMBOL TROUSERS

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1,

280 g/m² COLOUR: navy blue

SIZES: 38-64 · Fly with button and zipper

- · Two welt pockets
- · Back elasticated waistband
- · Right leg ruler pocket
- Utility pocket with flap and pen holder on the left side
 Back pocket with button closure
- · Triple stitching on the outer leg
- · Seams and bar tacks in contrasting colour



MC1151Q7 SYMBOL TROUSERS EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 280 g/m² COLOUR: navy blue **SIZES:** 38-62

- · Double reflective band
- · Fly with button and zipper
- · Two welt pockets
- · Rear elastic
- Right leg ruler pocketUtility pocket with flap and pen
- holder on the left side
- · Back pocket with button closure
- · Triple stitching on the outer leg
- · Seams and bar tacks in contrasting colour

TWO-TONE REFLECTIVE BAND **HEIGHT 8.5 CM**

> PA170034 AROUND SLEEVES PA170036 AROUND CHEST PA170035 AROUND LEGS

The set in the photo can be certified EN ISO 20471 class 1

MC1161Q7

SYMBOL PIPING TROUSERS

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 280 g/m²

COLOUR: navy blue **SIZES:** 40-62

- · Four buttons-closure
- $\boldsymbol{\cdot}$ Piping along the side seams

MC1141Q7

BREEZE TROUSERS

EN ISO 13688

MATERIAL: Cool cotton, 160 g/m² COLOUR: navy blue

SIZES: 40-62

- · Fly with button and zipper
- · Front welt pockets
- · Back elasticated waistband
- · Utility pockets with flap and Velcro closure
- · Back pocket with button closure



MC1121R7 Fabric 250 g/m² COLOUR: green SIZES: 44-62



MC1111B4 COLOUR: grey SIZES: 40-62



COLOUR: royal blue SIZES: 38-62







I SYMBOL



EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 280 g/m²

COLOUR: navy blue SIZES: 44-62

- Concealed four-buttons closure
 Two side pockets
 Chest pocket
 Triple stitching on the shoulders
 Seams and bar tacks in contrasting colour



MC1124R7 Fabric 250 g/m² COLOUR: green



MC1114B4 COLOUR: grey



MC1114P8 COLOUR: royal blue







SANFORIZED MASSAUA COTTON 2/1

RECOMMENDED FOR

- METALWORKING INDUSTRY
- CONSTRUCTION
- LOGISTICS
- TRANSPORT
- PLUMBING
- ELECTRICAL SECTOR
 MAINTENANCE

MC1113Q7 SYMBOL BIB-TROUSERS

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 280 g/m²

Fabric 250 g/m²

COLOUR: green

COLOUR: navy blue **SIZES:** 44-62

- Fly with zip
 Adjustable waist with buttons
 Elastic waistband
 Front pockets with reinforced seams
 Back pocket
- · Right ruler pocket
- Bib with two pockets
 Elastic shoulder straps with quick-fastening
- · Rear bib
- Triple stitching on outer leg and bib pocket
- · Seams and bar tacks in contrasting colour



COLOUR: grey

MC1113P8 COLOUR: royal blue

MC1112Q7 SYMBOL BERMUDAS

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 280 g/m²
COLOUR: navy blue

SIZES: 44-62

- · Fly with button and zipper
- · Side welt pockets
- Right ruler pocket
 Utility pocket with pen holder, flap and Velcro closure on the left leg
 Back pockets with flap and Velcro closure
- · Elastic waistband
- · Triple stitching on the outer leg
- · Seams and bar tacks in contrasting colour

ISYMBOL

SANFORIZED MASSAUA COTTON 2/1

RECOMMENDED FOR

- METALWORKING **INDUSTRY**
- CONSTRUCTION LOGISTICS
- TRANSPORT
- PLUMBING
- ELECTRICAL SECTOR
- MAINTENANCE

MC1117Q7 SYMBOL COVERALL

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 2/1, 280 g/m²

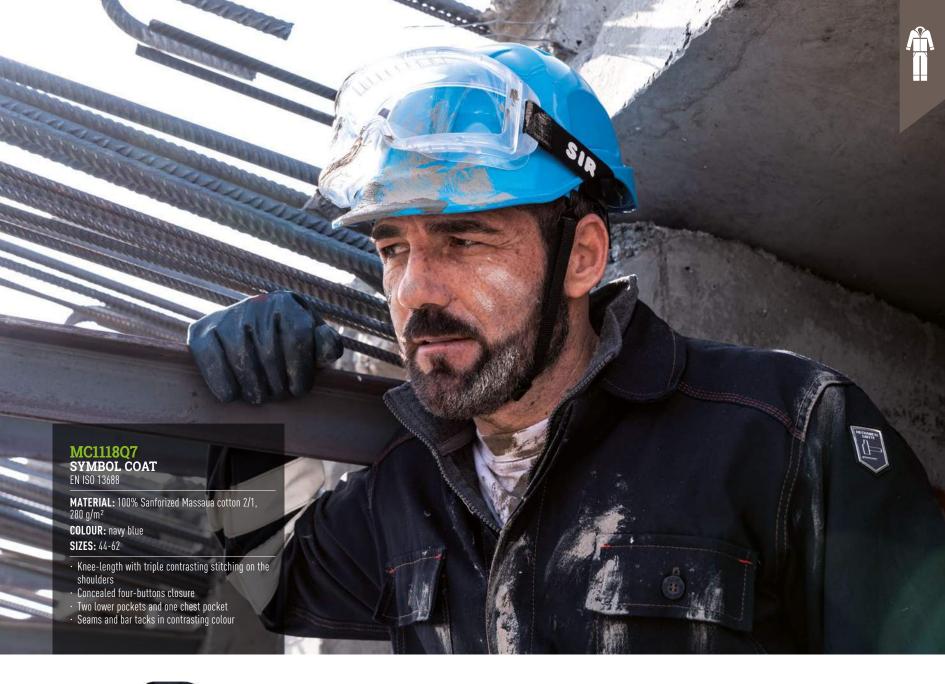
COLOUR: navy blue **SIZES:** 44-62

- · Concealed two-way zipper closure
- · Two side welt pockets
- Shoulder area reinforced with triple stitching
- · Back elasticated waistband
- Two zippered chest pocketsRight ruler pocket
- · Back pocket
- · Seams and bar tacks in contrasting colour

MC1117B4 COLOUR: grey

MC1117P8 COLOUR: royal blue











MULTIPURPOSE TECH SERIES

SANFORIZED MASSAUA COTTON 3/1



TECH SHORT JACKET

MATERIAL: 100% Sanforized Massaua cotton 3/1, 280 g/m²

COLOUR: various colours

SIZES: 38-66

- · Concealed six-button closure
- · Chest pockets with flap and button
- · Cuffs fastened with button

MC1214

TECH JACKET

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 3/1, 280 g/m²

COLOUR: various colours

SIZES: 38-66

- · Four buttons closure
- · Two front pockets
- · Chest pocket

RECOMMENDED

- METALWORKING **INDUSTRY**
- CONSTRUCTION
- LOGISTICS
- TRANSPORT
- AGRICULTURE
- MAINTENANCE







TECH BERMUDAS

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton

3/1, 280 g/m²

COLOUR: various colours

SIZES: 38-66

- · Fly with buttons
- · Side pockets
- · Back pocket with button closure
- · Utility pocket with flap and Velcro







TECH TROUSERS

MATERIAL: 100% Sanforized Massaua cotton 3/1, 280 g/m²

COLOUR: various colours

SIZES: 38-66

- · Fly with buttons
- Side pockets
- Back pocket with button closure
- · Utility pocket with flap and Velcro
- · Jointed double stitched seams on the outer leg for increased strength









MC1217 TECH COVERALL

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 3/1, 280 g/m²

COLOUR: various colours

SIZES: 38-66

- Shirt collar
- · Two-way central zipper closure
- · Front pockets
- Zippered chest pocketBack elasticated waistband

MC1213 TECH BIB-TROUSERS

EN ISO 13688

COLOUR: various colours

SIZES: 38-66

- · Adjustable, elasticated shoulder straps, with quick-fastening buckles
- Bib pocket
- · Side pockets
- · Back pocket with button closure
- · Rear bib and rear elasticated waistband

MC1218 TECH COAT

EN ISO 13688

MATERIAL: 100% Sanforized Massaua cotton 3/1, 280 g/m²

COLOUR: various colours

SIZES: 38-66

- · Knee-length
- · Four buttons closure
- · Two front pockets
- · Chest pocket
- · Matching colour stitching

COLOURS AVAILABLE



SUMMER TECH

100%
GABARDINE COTTON 3/1

200 G/M²





- FOOD PROCESSING
- CLEANING
- MAINTENANCE
- LOGISTICS
- TRANSPORT
- PLASTIC PROCESSING



THREE-DIMENSIONAL
POCKETS GREATER
CAPACITY AND EASE OF USE





MC1315

SUMMER TECH SHORT JACKET

EN ISO 13688

MATERIAL: 100% Gabardine cotton 3/1, 200 g/m²

COLOUR: various colours

SIZES: 38-66

- · Concealed six-button closure
- · Chest pockets with flap and Velcro
- · Cuffs fastened with button
- \cdot Reflex inserts on the back
- · Jointed double stitched seams
- · Reinforcement bar tacks in contrasting colour



SUMMER TECH TROUSERS

EN ISO 1368

MATERIAL: 100% Gabardine cotton 3/1, 200 g/m²

COLOUR: various colours

SIZES: 38-66

- · Fly with button and zipper closure
- · Side pockets
- · Two back pockets with Velcro fastening
- · Utility pocket with flap and Velcro
- · Reflex inserts on the back
- · Double seams on the outer leg for increased strength
- · Reinforcement bar tacks in contrasting colour









THE BREATHABILITY, LIGHTNESS AND COOLNESS GUARANTEED BY THE GABARDINE 200 G/M² MAKE **SUMMER TECH**, AS THE NAME IMPLIES, IDEAL FOR THE WARMEST MONTHS. CUSTOMISABLE WITH THE ACCESSORIES OF THE TECH RANGE, IT IS ABLE TO PERFECTLY MEET ALL WORKERS' NEEDS. THE SPECIAL ATTENTION TO FINISHES, SUCH AS THE REINFORCEMENT BAR TACKS AND JOINTED DOUBLE STITCHED SEAMS ENSURE RESISTANCE, STRENGTH AND LONG LIFESPAN.

MC1313

SUMMER TECH BIB-TROUSERS

EN ISO 13688

MATERIAL: 100% Gabardine cotton 3/1, 200 g/m²

COLOUR: various colours

SIZES: 38-66

- · Adjustable, elasticated shoulder straps, with quickfastening buckles
- · Wide bib pocket
- · Side pockets
- · Back pocket with flap and Velcro
- · Rear bib and rear elasticated waistband
- · Reflex inserts on the back
- · Jointed double stitched seams and reinforcement bar tacks in contrasting colour



MC1312

SUMMER TECH BERMUDAS

EN ISO 13688

MATERIAL: 100% Gabardine cotton 3/1, 200 g/m²

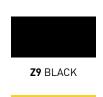
COLOUR: various colours

SIZES: 38-66

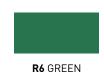
- · Fly with button and zipper
- · Side pockets
- · Two back pockets with Velcro fastening
- · Utility pocket with flap and Velcro
- · Double stitching for increased strength
- · Reinforcement bar tacks in contrasting colour

COLOURS AVAILABLE













A9 TURTLEDOVE





U7 BEIGE







B7 SLATE GREY

L5 RED



E5 YELLOW







EVOLUTION



RECOMMENDED FOR

- FOOD PROCESSING

- TRANSPORT
- PLASTIC PROCESSING

• CLEANING • MAINTENANCE • LOGISTICS





MC1415

EVOLUTION SHORT JACKET

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m²

COLOUR: various colours

SIZES: 38-66

- · Concealed six-button closure
- · Chest pockets with flap and buttons
- · Cuffs with button
- \cdot Jointed double stitched seams
- · Reinforcement bar tacks



MC1417 EVOLUTION COVERALL

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m²

COLOUR: various colours

SIZES: 38-66

- · Shirt collar
- · Two-way central zipper closure
- · Wide front pockets
- · Zippered chest pocket
- · Back elasticated waistband
- · Jointed double stitched seams
- · Reinforcement bar tacks

MC1411

EVOLUTION TROUSERS

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m²

COLOUR: various colours

SIZES: 38-66

- · Fly with buttons
- · Side pockets
- · Back pocket with button closure
- · Utility pocket with flap and Velcro
- · Double stitching on the outer leg for increased strength
- · Reinforcement bar tacks



THE EVOLUTION FABRIC ENSURES HIGH MECHANICAL RESISTANCE, ITS BRIGHT COLOURS WITHSTAND FREQUENT WASHES AND IS AVAILABLE IN A WIDE RANGE OF COLOURS.







MC1414

EVOLUTION JACKET

EN ISO 13688

MATERIAL: Evolution fabric 65% polyester

and 35% cotton, 240 g/m² **COLOUR:** various colours

SIZES: 38-66

- · Four-buttons closure
- · Two front pockets and one chest pocket
- · Jointed double stitched seams
- · Reinforcement bar tacks

MC1418

EVOLUTION COAT

EN ISO 13688

MATERIAL: Evolution fabric 65% polyester

and 35% cotton, 240 g/m² **COLOUR:** various colours

SIZES: 38-66

- · Knee-length
- · Four buttons closure
- Two front pockets and one chest pocket
- Matching colour stitching
- · Reinforcement bar tacks

EVOLUTION BIB-TROUSERS

EN ISO 13688

MATERIAL: Evolution fabric 65% polyester

and 35% cotton, 240 g/m²

COLOUR: various colours

SIZES: 38-66

- Adjustable, elasticated shoulder straps, with quick-fastening buckles
- · Wide bib pocket
- Side pockets
- · Back pocket with button closure
- · Rear bib
- Back elasticated waistband
- · Jointed double stitched seams
- · Reinforcement bar tacks

COLOURS AVAILABLE







INEVADA PLUS (restyled)





RECOMMENDED FOR

- METALWORKING **INDUSTRY**
- CONSTRUCTION
- LOGISTICS
- TRANSPORT
- AGRICULTURE
- MAINTENANCE



MC6653

NEVADA PLUS SHORT JACKET

EN ISO 13688

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m 2

COLOUR: various colours

SIZES: 38-66

- · Concealed six-buttons closure
- · Two chest pockets with flap and Velcro
- · Two lower pockets
- · Two-tone sleeves
- · Reflex piping on chest
- · Cuffs fastened with Velcro
- · Jointed double stitched seams

MC6651

100% Gabardine cotton 3/1, 200 g/m²

100% Sanforized Massaua cotton, 280 g/m

MC6654

Fustian 100% cotton, 350 g/m²

MC6613

NEVADA PLUS TROUSERS

EN ISO 13688

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m²

COLOUR: various colours

SIZES: 38-66

- · Fly with zipper and button closure
- · Back pocket with flap and Velcro
- · Side welt pockets
- · Double utility pocket with flap and Velcro
- · Jointed double stitched seams

100% Gabardine cotton 3/1, 200 g/m²

MC6612

100% Sanforized Massaua cotton, 280 g/m²

MC6614

Fustian 100% cotton, 350 g/m²



THE NEVADA RANGE IS AVAILABLE IN FOUR TYPES OF FABRIC:

SUMMER TECH

EVOLUTION

MASSAUA COTTON 3/1

MASSAUA

FUSTIAN



MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m² COLOUR: various colours SIZES: 38-66

- · Two-way central zipper closure
- · Two-tone sleeves
- · Reflex piping on chest
- · Two welt pockets
- · Two chest pockets with flap and Velcro closure
- · Back elasticated waistband
- · Back pocket with flap and Velcro
- · Jointed double stitched seams

MC6671 100% Gabardine cotton 3/1, 200 g/m²

MC6672 100% Sanforized Massaua cotton, 280 g/m²

MC6674 Fustian 100% cotton, 350 g/m²



MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m² COLOUR: various colours SIZES: 38-66

- · Adjustable, elasticated shoulder straps with quick-fastening buckle
- · Bib pocket with flap and Velcro fastening
- · Side pockets
- · Back pocket with flap and Velcro
- · Utility pockets with flap and Velcro
- · Rear bib and rear elasticated waistband
- · Side openings with button
- · Jointed double stitched seams

MC6631 100% Gabardine cotton 3/1, 200 g/m²

MC6632 100% Sanforized Massaua cotton, 280 g/m²

MC6634 Fustian 100% cotton, 350 g/m²

No picture:

MC6683 NEVADA PLUS COAT EN ISO 13688

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m² **COLOUR:** various colours SIZES: 38-66

- · Concealed four-button closure
- · Two lower pockets
- · Chest pocket with pen holder, flap and Velcro
- · Elasticated cuffs
- · Fixed martingale
- · Rear split
- · Jointed double stitched seams

MC6681 100% Gabardine cotton 3/1, 200 g/m²

MC6682 100% Sanforized Massaua cotton, 280 g/m²

MC6684 Fustian 100% cotton, 350 g/m²

COLOURS AVAILABLE IN MASSAUA FABRIC

B4 MOUSEY GREY

K1 WHITE

Z9 BLACK















Q4 BLUE

COLOURS AVAILABLE IN SUMMER TECH FABRIC see page 31

COLOURS AVAILABLE IN EVOLUTION FABRIC see page 33

COLOURS AVAILABLE IN FUSTIAN FABRIC see page 41







FUSTIAN

THANKS TO ITS OUTSTANDING THERMAL PROPERTIES, THE **FUSTIAN RANGE** ASSURES COMFORT EVEN IN THE COLDEST MONTHS. THE NATURE OF THE FABRIC AND THE SPECIAL ATTENTION TO FINISHES, SUCH AS **THE REINFORCEMENT BAR TACKS** AND JOINTED **DOUBLE STITCHED SEAMS** IN CONTRASTING COLOUR, ENSURE STRENGTH AND **LONG-LASTING USE**. THE WHOLE RANGE IS **CUSTOMISABLE** WITH A WIDE RANGE OF COLOURS AND VARIOUS TYPES OF REFLECTIVE BANDS TO INCREASE WORKERS' VISIBILITY.



IFUSTIAN WINTER APPAREL



RECOMMENDED **FOR**

- OUTDOOR ACTIVITIES
- METALWORKING INDUSTRY
- CONSTRUCTION
- LOGISTICS
- TRANSPORT
- PLUMBING
- ELECTRICAL SECTOR
- MAINTENANCE
- BRICKWORKS AND **CEMENT INDUSTRY**
- AGRICULTURE
- LANDSCAPING AND **GARDENING**
- MARBLE CUTTERS







MC1615B4 COLOUR: grey



MC1615S6 COLOUR: green

MC1615Q5

FUSTIAN SHORT JACKET

EN ISO 13688

MATERIAL: Sanforized 100% Fustian cotton, 350 g/m²

COLOUR: blue

SIZES: 44-64

- · Concealed six-button closure
- · Chest pockets with flap and button
- · Cuffs fastened with button
- · Jointed double stitched seams

MC1611Q5

FUSTIAN TROUSERS

EN ISO 13688

MATERIAL: Sanforized 100% Fustian cotton, 350 g/m²

COLOUR: blue **SIZES:** 38-64

- · Fly with button and zipper closure
- · Two welt pockets
- · Back pocket with button closure
- · Elastic waistband
- · Right ruler pocket
- · Utility pocket with flap and Velcro on the left
- · Jointed double stitched seams on inner and outer leg









MC1611S6 COLOUR: green





MC1613B4 COLOUR: grey

MC1613S0

COLOUR: green

MC1613Q5

FUSTIAN BIB-TROUSERS

EN ISO 13688

MATERIAL: Sanforized 100% Fustian cotton, 350 g/m² COLOUR: blue

SIZES: 44-64

Adjustable, elasticated shoulder straps, with quick snap buckle

- · Bib pocket
- · Side pockets
- · Right leg ruler pocket
- · Back pocket with button closure
- · Rear bib
- · Back elasticated waistband
- $\boldsymbol{\cdot}$ Jointed double seams on inner and outer leg

No picture:

MC1630

FUSTIAN COAT

EN ISO 13688

MATERIAL: Sanforized 100% Fustian cotton, 350 g/m² COLOUR: various colours

SIZES: 38-66

- · Four-button closure
- $\boldsymbol{\cdot}$ Two pockets and one chest pocket

MC1614Q5

FUSTIAN JACKET

EN ISO 13688

MATERIAL: Sanforized Fustian 100% cotton, 350 g/m²

COLOUR: blue **SIZES:** 44-64

- · Four-button closure
- · Two pockets and one chest pocket

COLOURS AVAILABLE

B4 MOUSEY GREY



K1 WHITE



Z9 BLACK



H5 ORANGE



M3 PLUM



L5 RED



V7 KHAKI



T4 DARK OLIVE GREEN



S6 DARK GREEN



R6 GREEN



W5 BROWN



P8 ROYAL BLUE



Q5 DARK BLUE



E5 YELLOW





IFUSION



RECOMMENDED

- METALWORKING INDUSTRY
- CONSTRUCTION
- LOGISTICS
- TRANSPORT
- AGRICULTURE AND MAINTENANCE



HIGH WINDPROOF COLLAR WITH FLAP FASTENED BY ZIPPER AND SNAP BUTTONS

SPACIOUS POCKETS WITH SIDE BELLOWS

MC1752BD

FUSION SHORT JACKET

EN ISO 13688

MATERIAL: 100% Massaua cotton, 280 g/m²

COLOUR: slate grey/red **SIZES:** 38-66

- · Concealed central zipper closure with Velcro fastening
- · High collar with concealed snap button closure
- · Chest pockets with side bellows, with flap and Velcro fastening
 • Muff pockets
- · Cuffs fastened with snap buttons
- · Piping on chest and shoulders
- · Reinforcement bar tacks in contrasting colour
- · Double seams

MC1712BD FUSION TROUSERS

EN ISO 13688

MATERIAL: 100% Massaua cotton, 280 g/m²

COLOUR: slate grey/red

SIZES: 38-66

- · Fly with zipper and tack button
- Two front pockets and coin pocket on the right
 Ruler pocket with tool holder on the right
- · Back right pocket with flap and Velcro
- Back left pocket with Velcro fastening
 Multi-functional utility pocket with flap and Velcro, with pen holder and phone pocket
- · Reinforcement bar tacks in contrasting colour



THE FUSION RANGE IS AVAILABLE IN FOUR TYPES OF FABRIC:

SUMMER TECH		EVOLUTION		MASSAUA		FUSTIAN	
100% GABARDINE COTTON 3/1	200 M ²	65% POLYESTER	240 _{G/M²}	100% MASSAUA COTTON 3/1	280 _{G/M²}	100% COTTON	350 _{G/M²}

	fabric codes						
MODELS	SUMMER TECH	EVOLUTION	MASSAUA	FUSTIAN			
SHORT JACKET	MC1751	MC1753	MC1752	MC1754			
TROUSERS	MC1711	MC1713	MC1712	MC1714			
BERMUDAS	MC1721	MC1723	MC1722	MC1724			
BIB-TROUSERS	MC1731	MC1733	MC1732	MC1734			

MC1752VA COLOUR: khaki/black MC1752QJ COLOUR: navy blue/ grey MC1752KD COLOUR: white/anthracite MC1752BC COLOUR: slate grey/black MC1752QK COLOUR: navy blue/hi-vis orange





MC1712VA COLOUR: khaki/black



MC1712QJ COLOUR: navy blue/ grey



MC1712KD
COLOUR: white/anthracite



MC1712BC COLOUR: slate grey/black



MC1712QK COLOUR: navy blue/hi-vis orange







MC1722BC FUSION BERMUDAS

EN ISO 13688

MATERIAL: 100% Massaua cotton, 280 g/m²

COLOUR: slate grey/black

SIZES: 38-66

- · Fly with zipper and tack button
- · Two front pockets and coin pocket on the right
- Ruler pocket with tool holder on the right
- Back right pocket with flap and Velcro Back left pocket with Velcro fastening
- Multi-functional utility pocket with flap and Velcro, with
- pen holder and phone pocket
- Reinforcement bar tacks in contrasting colour

COLOURS AVAILABLE IN SUMMER TECH FABRIC

see page 31

COLOURS AVAILABLE IN EVOLUTION FABRIC

see page 33

COLOURS AVAILABLE IN FUSTIAN FABRIC

see page 41

COLOURS AVAILABLE IN MASSAUA FABRIC



B4 MOUSEY GREY



K1 WHITE



B7 SLATE GREY



C2 ANTHRACITE



Z9 BLACK

H5 ORANGE



L5 RED

E5 YELLOW





V7 KHAKI



T4 DARK OLIVE GREEN



R6 GREEN

B8 ASPHALT GREY



Q7 NAVY BLUE



Q4 BLUE



M3 PLUM



S6 DARK GREEN



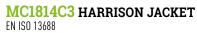
P8 ROYAL BLUE





THE HARRISON SERIES FEATURES A WIDE SET OF ACCESSORIES SUCH AS TECHNICAL MULTI-FUNCTIONAL UTILITY POCKETS, PHONE POCKET, PEN HOLDER, TOOL HOLDER LOOPS AND WEAR-AND-TEAR REINFORCEMENTS IN OXFORD FABRIC ON KNEES AND HEEL PAD. THE TROUSERS INCLUDE THE POSSIBILITY OF HOUSING THE KNEE PADS IN THE SPECIFIC POCKET. THE HIGH RESISTANCE DOUBLE JOINTED STITCHED SEAMS AND THE REINFORCEMENT BAR TACKS WITH CONTRASTING COLOUR ENSURE DURABILITY AND HIGH QUALITY. EXPANDABLE MULTI-FUNCTIONAL POCKETS PREFORMED SLEEVES 9 ADJUSTABLE CUFFS BACK POCKETS WITH SIDE BELLOWS GREATER CAPACITY EXPANDABLE RULER POCKET
IN WEAR-RESISTANT MATERIAL WEAR RESISTANT REINFORCED HEEL PAD





MATERIAL: 65% polyester, 35% cotton, weight 300 g/m², Broken Twill 2/2

COLOUR: anthracite

SIZES: 44-62

- High tenacity zipper closure
 Muff pockets
- Multi-functional chest pocket on the right with pen holder and phone pocket with Velcro fastening
- D-rings under the chest pockets
 Cuffs fastened with snap buttons
- · Jointed double stitched seams
- · Red details

MC1814V7 COLOUR: khaki MC1814P7 COLOUR: air force blue

MC1811C3 HARRISON TROUSERS EN ISO 13688 EN 14404 (WITH KNEE PADS ART. MC4911)

 $\textbf{MATERIAL:}\ 65\%$ polyester, 35% cotton, weight 300 g/m², Broken Twill 2/2

COLOUR: anthracite

SIZES: 42-62

- Fly with zipper and button
 Two front pockets

- Double ruler pocket on the right
 Multi-functional utility pocket with pen holder on the left
- · Two rear pockets in wear-and-tear fabric with flap and snap button

 • Knee pad pockets
- · Jointed double stitched seams
- · Red details

MC1811V7 COLOUR: khaki SIZES: 44-62 MC1811P7 COLOUR: air force blue SIZES: 44-62









HARRISON







MC1813C3 HARRISON BIB-TROUSERS

EN ISO 13688 EN 14404 (WITH KNEE PADS ART. MC4911)

MATERIAL: 65% polyester, 35% cotton, weight 300 g/m², Broken Twill 2/2

COLOUR: anthracite **SIZES:** 44-62

- Fly with zipper
 Two front pockets
 Bib pocket with flap and snap buttons
 Elastic waistband and side buttons
 Adjustable elasticated shoulder straps

- Two rear pockets in wear-and-tear fabric with flap and snap button
 Multi-functional pockets on both sides
- · Oversized loops and tool holder ring
- Knee pad pocketsRed details

MC1813P7 COLOUR: air force blue MC1813V7 COLOUR: khaki



MC4911 KGUARD KNEE PAD EN 14404

MATERIAL: Lightweight EVA foam

COLOUR: black SIZES: one size fits all

- Variable thickness, tortoise shell design
 Ergonomic shape

- Multi-groove pattern
 Dimensions 23x17.5 cm





THE **GEMINI SERIES** IS MADE IN 260 G/M² STRETCH CANVAS FABRIC WITH INSERTS IN BI-STRETCH FABRIC 93% POLYESTER, 7% ELASTANE, REINFORCEMENTS IN 500D HIGHLY ABRASION RESISTANT POLYESTER OXFORD ON KNEES AND HEEL PAD.

THE RANGE IS SUPPLIED WITH A **COMPREHENSIVE SET OF MULTI-FUNCTIONAL UTILITY POCKETS** AND **HANGING POCKETS** TO ALWAYS HAVE EVERY TOOL AT YOUR FINGERTIPS.

IGEMINI

POLYESTER

RECOMMENDED FOR

- CONSTRUCTION
- INSTALLATIONS ASSEMBLY PROCESSES
- TRANSPORT
- LOGISTICS
- CHEMICAL INDUSTRY









MC2013B6 GEMINI JACKET EN ISO 13688

MATERIAL: Stretch Canvas 260 g/m², 60% cotton, 38% polyester, 2% elastane; with bi-stretch inserts 93% polyester, 7% elastane

COLOUR: grey SIZES: S-3XL

- High tenacity zipper closure
 Anti-tangle inner windproof flap
 Adjustable cuffs with Velcro
- · Multi-functional pockets
- · Concealed badge holder
- · Reflective inserts on chest and sleeves
- Adjustable Velcro straps on the sidesBlack dirt-repellent insert on the forearm

MC2013Z9 COLOUR: black

· Bi-stretch fabric on the back

MC2011B6 GEMINI TROUSERS EN ISO 13688

EN 14404 (WITH KNEE PADS ART. MC4911)

MATERIAL: Stretch Canvas 260 g/m², 60% cotton, 38% polyester, 2% elastane; with bi-stretch inserts 93% polyester, 7% elastane, 500D Polyester Oxford reinforcements

COLOUR: grey SIZES: S-3XL

- $\boldsymbol{\cdot}$ Fly with button and zipper
- · Front three-dimensional pockets
- · Back pockets
- · Tool holder loops
- · Concealed badge holder
- · Knee pad pockets
- · Reinforced heel pad and knee area with wear-and-tear fabric
- · Rear part in bi-stretch fabric
- · Double seams

MC2011Z9 COLOUR: black



MC2512X6

FIGHTER SWEATSHIRT

MATERIAL: 100% polyester, 350 g/m² and Softshell

COLOUR: melange camouflage

SIZES: S-3XL

- · Central zipper closure with windproof and anti-tangle inner flap
- · Zippered chest pocket in Softshell fabric
- · Two side pockets with anti-tangle zipper closure
- · Fleece-lined collar
- · Reflex inserts
- · Internal drawstring at the bottom hem
- · Inserts in Softshell fabric on yoke, elbows and sides
- · Preformed sleeves for greater freedom of movement

MC2512BM COLOUR: melange grey MC2512HM COLOUR: melange orange MC2512EM COLOUR: melange fluo yellow













MC2011X6 GEMINI CAMO TROUSERS

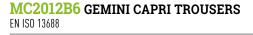
EN ISO 13688

EN 14404 (WITH KNEE PADS ART. MC4911)

MATERIAL: Stretch Ripstop 260 g/m², 60% cotton, 38% polyester, 2% elastane; with bi-stretch 93% polyester, 7% elastane inserts, 500D Polyester Oxford reinforcements

COLOUR: camouflage SIZES: S-3XL

- · Fly with snap button and zipper
- · Back pockets with Velcro fastening
- · Multi-functional utility pocket and small pocket with zippered closure
- · Concealed badge holder
- Tool holder loops
 Ruler pocket with wear-and-tear fabric reinforcement
- · Expandable knee pad pockets
- · Reinforced heel pad and knee area with wear-and-tear fabric
- · Double seams



MATERIAL: Stretch Canvas 260 g/m², 60% cotton, 38% polyester, 2% elastane; with bi-stretch 93% polyester, 7% elastane inserts, 500D Polyester Oxford reinforcements

COLOUR: grey SIZES: S-3XL

- · Calf-length
- · Fly with zipper and button
- · Reinforced side pockets
- · Multi-functional front holster pockets
- · Back pockets
- · Ruler pocket with cutter holder and adjustable hammer loop on the right side
- · Adjustable tool holder loops with snap buttons on the sides
- · Utility pocket on the left with phone holder closed with flap and Velcro
- · Concealed badge holder
- · Expandable knee pad pockets
- Double seams and wear-and-tear inserts on knees





I HEAVY DENIM



AIRBELT®

ZIP-OFF HOLSTER POCKETS

CORDURA® NYCO



CORDURA denim









EXTENDABLE LENGTH

MC2551Q8

HEAVY DENIM TROUSERS

EN ISO 13688

EN 14404 (WITH KNEE PADS ART. MC4911)

MATERIAL: Denim fabric 85% cotton and 15% Nylon Cordura®, weight 375 g/m² COLOUR: blue denim

SIZES: XS-4XL

- \cdot Preformed legs with bi-stretch inserts
- · Zip-off holster pockets
- · Two multi-functional utility pockets
- · Phone pocket, ruler pocket
- · Two back pockets with flap and Velcro
- · Cordura® reinforced knee pad pockets
- · Crotch bellow openable with zipper for increased ventilation
- · Leg length extendable by 4 cm
- · Reflex inserts
- · Triple stitched seams

MC2531Q8

HEAVY DENIM CAPRI TROUSERS

EN ISO 13688

EN 14404 (WITH KNEE PADS ART. MC4911)

MATERIAL: Denim fabric 85% cotton and 15% Nylon Cordura®, weight 375 g/m² COLOUR: blue denim

SIZES: XS-4XL

- · Zip-off holster pockets
- · Multi-functional utility pockets
- · Phone pocket
- · Ruler pocket
- · Two back pockets reinforced with Cordura®
- · Back-knee inserts in bi-stretch fabric
- · Cordura® reinforced knee pad pockets
- · Concealed badge holder







MC4911 KGUARD KNEE PAD

EN 14404

MATERIAL: Lightweight EVA foam

COLOUR: black SIZES: one size fits all

- · Variable thickness, tortoise shell design
- $\cdot \ {\it Ergonomic shape}$
- · Multi-groove pattern
- · Dimensions 23x17.5 cm



MC2574Q8 HEAVY DENIM JACKET EN ISO 13688

MATERIAL: Denim fabric 85% cotton and 15% Nylon Cordura®, weight 375 g/m²

COLOUR: blue denim SIZES: XS-4XL

- Two large three-dimensional chest pockets with flap and Velcro
 Two hidden vertical zippered pockets
- · Two wide side pockets with Cordura® trims
- Inner pocket
 Cordura® wear-and-tear reinforcements at the elbows
- · Cuffs adjustable with Velcro
- · Concealed badge holder
- · Reflex inserts
- · Triple stitched seams



MC2516Q8 HEAVY DENIM WAISTCOAT

EN ISO 13688

MATERIAL: Denim fabric 85% cotton and 15% Nylon Cordura®, weight 375 g/m²; reinforcements and inserts in 65% polyester, 35% cotton, back in Mesh fabric

COLOUR: blue denim

SIZES: XS-4XL

- Concealed front zipper closure with Velcro fastening
 Belt with automatic buckle
- · Reflex inserts on shoulders and back
- Stretch mesh fabric on the inner back side
 Chest pockets with Velcro
- Phone and glasses pocket with shockproof fabric protection
 Easy-to-access reinforced back holster pockets
 Reinforced front holster pockets

- Tool holder rings on both sides
 Tool loops with Velcro closure
- · Concealed, removable badge holder





- **01** REINFORCED RULER POCKET IN CORDURA®, DETACHED AT THE BOTTOM TO SWING OUT WHEEN KNEELING. HOLSTER POCKET AND BAR-TACKED TOOL
- **02** SPACIOUS POCKETS CORDURA® REINFORCED, WITH VELCRO TAB.

HEAVY CANVAS







HEAVY CANVAS TROUSERS

EN ISO 13688

EN 14404 (WITH KNEE PADS ART. MC4911)

MATERIAL: 75% cotton, 25% Nylon Cordura®, Canvas 2/2 NYCO, weight 320 g/m²

COLOUR: grey SIZES: XS-4XL

- Preformed legs with bi-stretch inserts
 Zip-off holster pockets
- · Two multi-functional utility pockets
- Phone pocketRuler pocket
- · Two back pockets with flap and Velcro
- Cordura® reinforced knee pad pockets
 Leg length extendable by 4 cm
- · Reflex inserts
- · Triple stitched seams

MC2521P6

COLOUR: petroleum blue

MC2521L9

COLOUR: red











CORDURA NYCO





MC2524C4 HEAVY CANVAS JACKET

EN ISO 13688

 $\textbf{MATERIAL:}\ 75\%$ cotton, 25% Nylon Cordura®, Canvas 2/2 NYCO, weight 320 g/m²

COLOUR: grey SIZES: XS-4XL

- · Two large three-dimensional chest pockets with flap and Velcro
- Two hidden vertical zippered pockets
 Two wide side pockets with Cordura® trims
- Cordura® wear-and-tear reinforcements at the elbows
 Cuffs adjustable with Velcro
- · Concealed badge holder
- · Triple stitched seams
- · Reflex inserts

MC2524P6

COLOUR: petroleum blue

MC2524L9

COLOUR: red







INDUSTRIAL













MC2534Q3 INDUSTRIAL JACKET

EN ISO 13688

MATERIAL: Ripstop 65% polyester and 35% cotton, weight 310 g/m²

COLOUR: blue SIZES: XS-4XL

- · Dirt-repellent central metal zipper
- Two pockets with flap and Velcro
 Vertical pen pocket
- · Two wide side pockets with Cordura® reinforcements
- Two wide inner pockets
 Adjustable waist with side snap button
- · Ribbed knit inner cuffs and collar
- Concealed badge holder
 Cordura® reinforcements at the elbows
- · Reflex inserts
- · Triple stitched seams

MC2534B6

COLOUR: grey

MC2534K1

COLOUR: white

MC4911

KGUARD KNEE PAD

EN 14404

MATERIAL: Lightweight EVA foam

COLOUR: black SIZES: one size fits all

- · Variable thickness, tortoise shell design
- · Ergonomic shape
- · Multi-groove pattern
- · Dimensions 23x17.5 cm







MC2541Q3 INDUSTRIAL TROUSERS

EN ISO 13688 EN 14404 (WITH KNEE PADS ART. MC4911)

MATERIAL: Ripstop 65% polyester and 35% cotton, weight 310 $\ensuremath{\text{g}/\text{m}^2}$

COLOUR: blue SIZES: XS-4XL

- $\cdot\,$ Fly with zipper and metal button
- · Two front pockets, one of which with integrated zippered coin pocket
- Two multi-functional utility pockets, one of which is three-dimensional, fastened with flap and Velcro and featuring a concealed badge holder

 Cordura® reinforced knee pad pockets
- · Reflex inserts
- · Leg length extendable by 4 cm
- · Triple stitched seams

MC2541B6 COLOUR: grey MC2541K1 colouR: white

MC2513Q3 INDUSTRIAL BIB-TROUSERS

EN ISO 13688 EN 14404 (WITH KNEE PADS ART. MC4911)

MATERIAL: Ripstop 65% polyester and 35% cotton, weight 310 g/m^2

COLOUR: blue SIZES: XS-4XL

- Fly with zipper
 Bib pocket with flap and Velcro fastening
- · Elastic shoulder straps with quick-fastening buckles and rear bib
- · Two front pockets
- Two multi-functional utility pockets, one of which with concealed badge holder
- · Two back pockets with flap and Velcro
- Knee pad pockets
 Leg length extendable by 4 cm
- · Reflex inserts
- · Triple stitched seams

MC2513B6 COLOUR: grey





- **01** RIBBET SLEEVE GUSSET IN THE UPPER ARMHOLE, EXTREMELY COMFORTABLE
- 02 EASY-TO-ACCESS MULTI-FUNCTIONAL UTILITY POCKET WITH MOBILE PHONE AND PEN COMPARTMENTS

0 THIS RANGE OF TROUSERS FEATURES A DYNAMIC STYLE AND VERY FASHIONABLE LOOK, WITH MULTI-FUNCTIONAL UTILITY POCKETS AND MANY DETAILS. MADE IN COTTON AND SPANDEX, THEY ASSURE GREAT SOFTNESS AND THE BEST STRETCH FOR THE MAXIMUM COMFORT. 0 0 0 0 66









MC2220Q7 STRETCH TROUSERS

MATERIAL: 98% cotton Twill, 2% spandex, 260 g/m², stretch

COLOUR: blue SIZES: S-3XL

- · Fly with zipper and button

- Front pockets with reinforcement trim
 Coin pocket on the right
 Back pockets with flap and buttons
 Pen holder pocket on left leg with snap button
 Two side three-dimensional pockets with snap button closure
- · Inserts in contrasting colour

MC2220B0 COLOUR: grey

COTTON TWILL

RECOMMENDED FOR

- CONSTRUCTION
 SERVICE COMPANIES
- ENGINEERING FIRMS
- LOGISTICS INSTALLATIONS
- MAINTENANCE







URBAN

THE URBAN RANGE CONSISTS OF A SERIES OF VERY DYNAMIC, PRACTICAL, LIGHT AND COMFORTABLE TROUSERS, FEATURING MANY MULTI-FUNCTIONAL UTILITY POCKETS AND DOUBLE CONTRASTING STITCHING. THE REPORTER RANGE IS COMPLETED BY THE MATCHING WAISTCOATS.





MC2211P0

URBAN CARGO TROUSERS EN ISO 13688

MATERIAL: Canvas 100% cotton with soft finish, 260 g/m²

COLOUR: blue SIZES: XS-3XL

- · Fly with button and zipper
- · Side welt pockets
- · Back pockets and side utility pockets with flap and snap buttons
- · Piped coin pocket
- · Wallet pocket with flap and snap buttons on the right calf

 Italian flag on the left pocket flap
- · Double seams in contrasting colour

MC2211X5 URBAN JUNGLA TROUSERS

EN ISO 13688

MATERIAL: 100% cotton Twill with soft finish, 260 g/m²

COLOUR: camouflage SIZES: S-2XL

- $\cdot\,$ Fly with button and zipper
- · Side welt pockets
- · Piped coin pocket
- · Back pockets and side utility pockets fastened with flap and snap buttons
- · Wallet pocket with flap and snap buttons on the right calf

MC221205

REPORTER WAISTCOAT

MATERIAL: 65% polyester, 35% cotton, 230 g/m²

COLOUR: blue SIZES: S-3XL

- · Zipper closure and button reinforcement
- · Adjustable waist with Velcro
- Two zippered vertical pockets
 Lower pockets and chest pocket with flap and Velcro fastening
- · Zippered three-dimensional chest pocket and second pocket with flap
- · Mesh pockets
- · Wide three-dimensional back pocket with zipper
- · Strap with D-ring on the shoulders

MC2212U7 COLOUR: sand

MC221305

REPORTER TROUSERS

MATERIAL: 65% polyester, 35% cotton, 230 g/m²

COLOUR: blue SIZES: S-3XL

 \cdot Fly with zipper and button

· Two front pockets with flap and buttons

- Two utility pockets on the sides
 Two back pockets with flap and button
- · Zipper below knees to turn them into bermudas

MC2213U7 COLOUR: sand





MC2211X4

CARGO JEANS TROUSERS

MATERIAL: Denim 100% cotton, 400 g/m²

COLOUR: denim **SIZES:** 40-62

- · Back pockets



MC2219X4 **URBAN JEANS**

MATERIAL: Denim 350 g/m², 98% cotton and 2% spandex with stretch effect

COLOUR: blue **SIZES:** 44-62

- $\cdot\,$ Fly with zipper and tack button
- · Two front pockets with intregrated coin pockets, one of which is featuring a zipper closure
- · Two back pockets with reinforcements rivets on the bar tacks
- Right front and back pocket with ecoleather profile
- · Triple seams in contrasting colour

PROFESSIONAL CLOTHING

MC2630

CLOTH 20/24 LADIES' COAT

EN ISO 13688

MATERIAL: Cloth 20/24, 100% Sanforized cotton,

 120 g/m^2

COLOUR: various colours

SIZES: 38-62

- · Women's cut
- · Five-buttons closure
- · Two lower pockets
- · Chest pocket
- · Cuffs fastened with buttons

MC2618

LADIES' COAT

EN ISO 13688

MATERIAL: Terital/Cotton, 65% polyester and 35% Sanforized cotton, 150 g/m²

No picture:

MC2629

CLOTH 20/24 MEN'S COAT

EN ISO 13688

MATERIAL: Cloth 20/24, 100% Sanforized cotton,

120 g/m²

COLOUR: various colours

SIZES: 44-62

- · Men's model
- · Four-buttons closure
- · Two lower pockets
- · Chest pocket

No picture:

MC2617

TERITAL MEN'S COAT

EN ISO 13688

MATERIAL: Terital/Cotton, 65% polyester and 35% Sanforized cotton, 150 g/m²

MC2620N8

CLOTH 20/24 VALERIA LADIES' COAT

EN ISO 13688

MATERIAL: Cloth 20/24, 100% Sanforized cotton, 120 g/m²

COLOUR: cornflower blue

SIZES: 38-56

- · Women's cut
- · Five-buttons closure
- · Two lower pockets
- · Chest pocket
- · Cuffs fastened with buttons

MC2620

CLOTH 20/24 VALERIA LADIES' COAT

EN ISO 13688

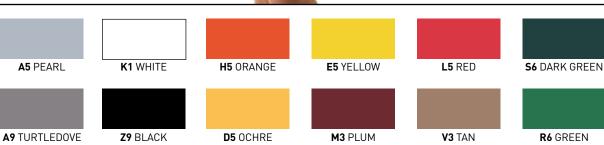
MATERIAL: Cloth 20/24, 100% Sanforized cotton, 120 g/m²

COLOUR: various colours

SIZES: 38-62



COLOURS AVAILABLE



RECOMMENDED **FOR**

- FOOD PROCESSING
- CLEANING COMPANIES
- MEDICAL ASSISTANCE
- PHARMACEUTICAL INDUSTRY
- CHEMICAL AND TESTING LABORATORIES
- HEALTHCARE

MC2648Q7

TERITAL/COTTON MEN'S COAT

EN ISO 13688

MATERIAL: 65% polyester and 35% Sanforized cotton, 150 g/m²

COLOUR: navy blue **SIZES:** 44-62

- · Concealed four-snap buttons closure
- · Two side pockets
- · Chest pocket with pen holder
- · Rear slit
- · Elasticated cuffs

MC2649Q7

LADIES' TERITAL/COTTON COAT

EN ISO 13688

MATERIAL: 65% polyester and 35% Sanforized cotton, 150 g/m²

COLOUR: navy blue **SIZES:** 38-56

· Concealed five-snap buttons closure



AVAILABLE IN TWO TYPES OF FABRIC:

CLOTH 20/24

SANFOR COTTON

TERITAL COTTON

POLYESTER

SANFOR COTTON

MC2631N8

CLOTH 20/24 SANDRINA LADIES' COAT

EN ISO 13688

MATERIAL: Cloth 20/24, 100% Sanforized cotton, 120 g/m²

COLOUR: cornflower blue **SIZES:** 38-56

- · Chinese collar
- · Six-button closure
- · Two lower pockets
- · Chest pocket
- · Fabric belt

MC2631

CLOTH 20/24 SANDRINA LADIES' COAT EN ISO 13688

MATERIAL: Cloth 20/24, 100% Sanforized cotton,

120 g/m²

COLOUR: various colours

SIZES: 38-62

MC2632

SANDRINA LADIES' COAT

EN ISO 13688

MATERIAL: Terital/Cotton, 65% polyester and 35% Sanforized cotton, 150 g/m²

COLOUR: various colours





N6 TURQUOISE

9



P8 ROYAL BLUE



STRIPES

Y3 THIN WHITE/PINK

N4 FUCHSIA

Y4 STRIPED WHITE/LIGHT



WHITE/



BLUE STRIPES CORNFLOWER BLUE



N4 LIGHT BLUE

P5 BLUE

Q7 NAVY BLUE

BLUE

PROFESSIONAL CLOTHING



MC2650K1 **EXPO COOK JACKET**

MATERIAL: 100% cotton, 185 g/m²

COLOUR: white SIZES: S-3XL

- · Chinese collar
- · Chest pocket
- · Turn-up sleeves
- · Double breasted closure with matching colour
- · Pen holder pocket on left shoulder



MC2644Y1 RICH STRIPED TROUSERS

MATERIAL: 65% polyester and 35% cotton,

190 g/m²

COLOUR: black and white stripes

SIZES: S-3XL

- $\cdot \ \, \text{Elasticated waistband}$
- · Drawstring around waist
- · Fly with button and zipper
- · Back pocket



MC2645Z9 **BAR APRON**

MATERIAL: 65% polyester and 35% cotton, 190 g/m²

COLOUR: black SIZES: one size fits all

- · Closure by fabric string
- · Wide central pocket with three compartments



MC2643Y1 ALEX STRIPED APRON

MATERIAL: 100% polyester, 150 g/m² COLOUR: striped white/black SIZES: one size fits all

- · Closure with fabric string
- · Chest pocket
- · Two side pockets
- · Adjustable collar width with button
- · Dimensions 85x90 cm



MC2633 **FOX APRON**

MATERIAL: Terital/cotton, 65% polyester and 35% cotton, 150 g/m²

COLOUR: various colours SIZES: one size fits all

- Closure with fabric string
- Adjustable collar width with snap buttons
- Side pocket
- Dimensions cm 69x92



cotton, 150 g/m²

COLOUR: striped white/light blue

SIZES: 38-56

- · Four-snap buttons closure
- · Side slits
- · Two lower pockets
- · Chest pocket with flap and snap button
- · Sleeves' and pockets' profile in contrasting colour
- · Shaped model
- · Hip length

MC2634 COLOUR: various colours















MC2636Y6 FABIANA COAT EN ISO 13688

MATERIAL: Terital/Cotton, 65% polyester and 35% Sanforized cotton, 150 g/m^2

COLOUR: striped white/cornflower blue

SIZES: 38-56

- · Short-cut model with open chinese collar
- · Shaped sides
- Shaped sidSide slits
- · Two lower pockets
- Two chest pockets, one of which with pen holder
- · Closure with white lacquered snap buttons
- · Contrasting colour trims
- · Comfortable fit

MC2637 ALESSANDRA COAT EN ISO 13688

MATERIAL: Terital/Cotton, 65% polyester and 35% Sanforized cotton, 150 g/m²

COLOUR: various colours

SIZES: 38-56

- · Short sleeved model
- · Lapel collar
- · Closure with white lacquered snap buttons
- · Two side pockets
- · Rear slit
- · Collar, shoulder and sides in contrasting colour
- · Hip length

MC2638 MICHELA COAT EN ISO 13688

MATERIAL: Terital/Cotton, 65% polyester and 35% Sanforized cotton, 150 g/m²

COLOUR: various colours

SIZES: 38-56

- · Lapel collar
- · Closure with white lacquered snap buttons
- · Side slits
- Details on collar, sleeve's hem and pockets in contrasting colour
- · Hip length

MC2636 COLOUR: various colours



MC2760N8 NICOLETTA COAT

MATERIAL: 100% Sanforized Gabardine cotton 3/1, 190 g/m²

COLOUR: cornflower blue

SIZES: 42-62

- Closure with white lacquered snap buttons Rounded collar
 Two lower pockets

- Chest pocket with pen holder
 White trim on sleeves, pockets and collar

MC2761R7
CARDIO COAT
EUROPEAN MEDICAL DEVICES DIRECTIVES 93/42 EEC, 2007/47/EEC

MATERIAL: 100% Sanfor cotton cloth 16/24, 190 g/m²

COLOUR: green SIZES: one size fits all

- 12 cm knitted cuffs
 Rear closure with strings
 Long raglan sleeves

AVAILABLE IN TWO TYPES OF FABRIC:



COTTON

GABARDINE











MC2710R7

CARDIO GOWN

EUROPEAN MEDICAL DEVICES DIRECTIVES 93/42 EEC, 2007/47/EEC

MATERIAL: 100% Sanfor cotton cloth 16/24, 190 g/m²

COLOUR: green SIZES: S-3XL

- · V-neck
- · Two side pockets
- · Chest pocket with rounded corners
- · Side slits
- · Comfortable fit

MC2711R7

CARDIO TROUSERS

EUROPEAN MEDICAL DEVICES DIRECTIVES 93/42 EEC, 2007/47/EEC

MATERIAL: 100% Sanfor cotton cloth 16/24, 190 g/m²

COLOUR: green SIZES: S-3XL

- · Unisex trousers
- · Back pocket
- · Elasticated waistband

MC2720K1

NURSE GOWN

EUROPEAN MEDICAL DEVICES DIRECTIVES 93/42 EEC, 2007/47/EEC

MATERIAL: 100% Gabardine cotton, double twisted Sanfor, 210 g/m²

COLOUR: white **SIZES:** 38-62

- · V-neck
- · Two side pockets
- · Chest pocket with rounded corners
- · Side slits
- · Comfortable fit

MC2731K1

NURSE TROUSERS

EUROPEAN MEDICAL DEVICES DIRECTIVES 93/42 EEC, 2007/47/EEC

MATERIAL: 100% Gabardine cotton, double twisted Sanfor, 210 g/m² COLOUR: white

SIZES: XS-3XL

- · Unisex trousers
- · Front pockets
- · Back pocket
- · Elasticated waistband



MC2740K1

NURSE COAT

EN ISO 13688

MATERIAL: 100% Gabardine cotton, 200 g/m²

COLOUR: white **SIZES:** 38-62

- · Concealed snap buttons closure
- · Rear martingale
- · Two lower pockets
- · Chest pocket
- · Elasticated cuffs

MC2730K1 OPEN NURSE GOWN

MATERIAL: 100% Gabardine cotton, 200 g/m²

COLOUR: white **SIZES:** 40-62

- · Open model
- · Concealed snap buttons closure
- · Two front pockets
- · Chest pocket with coloured insert

SHIRTS

RECOMMENDED

- METALWORKING INDUSTRY CONSTRUCTION
- AGRICULTURE
- WOOD PROCESSING
- FORESTRY
- TRANSPORT



MC2820

CLOTH 20/24 SHORT-SLEEVED SHIRT

EN ISO 13688

MATERIAL: 100% Gabardine cotton, 120 g/m²

COLOUR: various colours

SIZES: 38-46

 $\boldsymbol{\cdot}$ Chest pocket with flap and button

TERITAL/COTTON SHIRT

EN ISO 13688

Terital/Cotton 65% polyester and 35% Sanforized cotton, 150 g/m²

AVAILABLE COLOURS

see page 70

MC2821

CLOTH 20/24 LONG-SLEEVED SHIRT

EN ISO 13688

MATERIAL: 100% cotton, 120 g/m² **COLOUR:** various colours

SIZES: 38-46

- · With cuffs
- · Chest pocket with flap and button

TERITAL/COTTON SHIRT

EN ISO 13688

Terital/Cotton 65% polyester and 35% Sanforized cotton, 150 g/m²

AVAILABLE COLOURS

see page 70

MC2811N7

OXFORD SHIRT

EN ISO 13688

MATERIAL: 100% Oxford cotton, 130 g/m²

COLOUR: light blue **SIZES:** 38-46

- \cdot Long sleeved shirt with buttons
- · Button-down collar
- · Chest pockets with flap and button
- · Cuffs fastened with button

AVAILABLE IN THREE TYPES OF FABRIC:

CLOTH 20/24

120 G/M²

TERITAL/COTTON

150 G/M² 100%

COTTON

130 _{9/M²}



MC2812N7 OXFORD SHIRT

EN ISO 13688

MATERIAL: 100% Oxford cotton, 130 g/m²

COLOUR: light blue **SIZES:** 38-46

- · Short sleeved shirt
- $\cdot \ \, {\rm Button\text{-}down\ collar}$
- · Chest pockets with flap and button

MC2815K1

BUSINESS SHIRT

MATERIAL: 80% cotton and 20% polyester, 120 g/m²

polyester, 120 g/ COLOUR: white SIZES: 38-46

- · Button-down collar
- · Two-button cuffs
- · Chest pocket

MC2815Q4 COLOUR: blue



MC2814L3 BUSINESS SHIRT

COLOUR: pink

SIZES: S-2XL

MATERIAL: 100% cotton, 130 g/m²

MC2814N0 COLOUR: light blue

MC2814Z9

COLOUR: black

SHIRTS





MC2816 FLANNEL SHIRT

MATERIAL: 100% flannel cotton, 145 g/m²

COLOUR: various colours

SIZES: 38-46

- Long sleeves with cuffsChest pocket with flap and button

MC2817X0 COUNTRY SHIRT

MATERIAL: 100% flannel cotton, 130 g/m²

COLOUR: checkered SIZES: S-3XL

- Checkered pattern
 Long sleeves with double button at the cuffs
 Two chest pockets with flap and button





SUMMER KNITWEAR









MC3011K1 SAMBA T-SHIRT

MATERIAL: 100% cotton jersey, 120 g/m² COLOUR: white

SIZES: S-3XL

· Round neck T-shirt

MC3011Q7	COLOUR: blue
MC3011Q2	COLOUR: royal blue
MC3011S2	COLOUR: army green
MC3011AM	COLOUR: grey
MC3011Z9	COLOUR: black
MC3011S0	COLOUR: green
MC3011J5	COLOUR: orange



MC3012Q2 SIRFLEX T-SHIRT

 $\begin{tabular}{ll} \textbf{MATERIAL:} & 100\% & combed & cotton & jersey, \\ 140 & g/m^2 & \\ \end{tabular}$

COLOUR: royal blue SIZES: S-3XL

· Round neck T-shirt

· High strength seams

MC3012K1 COLOUR: white SIZES: XS-4XL MC3012J5 colour: orange MC3012Q7 COLOUR: blue SIZES: XS-4XL

MC3012L0 colour: red

MC3012C2 COLOUR: dark grey

MC3012D5 COLOUR: honey

MC3012AM COLOUR: grey

MC3012R6 COLOUR: green

MC3012M2 COLOUR: burgundy red

MC3012Z9 COLOUR: black

MC3020QA **COLOUR:** blue/light blue **SIZES:** S-2XL



MC3023B0 **TANGO T-SHIRT**

MATERIAL: 100% combed cotton jersey, 140 g/m²

COLOUR: dark grey SIZES: S-3XL

· V-neck t-shirt

· Flat felled seams

MC3023N0 COLOUR: royal blue

MC3023K1 COLOUR: white

MC3023Q7 COLOUR: blue





SUMMER KNITWEAR









MC3014S0 PIQUET POLO SHIRT

MATERIAL: 100% cotton piquet, 190 g/m² COLOUR: green SIZES: S-3XL

- · Collar with two matching colour buttons

 Knitted trims on sleeves
- · Collar with seam-covering fabric tape
- · Double stitching on shoulders and around sleeves

MC3014P8	COLOUR: royal blue SIZES: XS-3
MC3014U0	COLOUR: beige
MC3014Q7	COLOUR: blue SIZES: XS-3XL
MC3014S6	COLOUR: bottle green
MC3014H5	COLOUR: orange
MC3014AM	COLOUR: grey SIZES: XS-3XL
MC3014E0	COLOUR: yellow
MC3014K1	COLOUR: white SIZES: XS-3XL
MC3014L5	COLOUR: red
MC3014P6	COLOUR: netroleum blue







MC3018H5 SIRFLEX POLO SHIRT

MATERIAL: Honeycomb fabric. 100% cotton, 210 g/m² COLOUR: orange SIZES: S-3XL

- · Collar with two buttons and seam-covering fabric tape
- · Knitted trims on sleeves
- Double stitching on shoulders and around sleeves
- · Silicone treatment for maximum brightness and softness

MC3018C2 COLOUR: royal blue
MC3018Q7 COLOUR: blue
MC3018K1 COLOUR: white
MC3018BM COLOUR: grey
MC3018S0 COLOUR: green
MC3018Z9 COLOUR: black
MC3018L5 COLOUR: red



SUMMER KNITWEAR





MC3019QH SALSA ITALIA POLO SHIRT

 $\textbf{MATERIAL:} \ Piquet \ honeycomb \ fabric \ 100\% \ cotton, \ 210 \ g/m^2$

COLOUR: blue with Italian tricolour flag inserts

SIZES: S-3XL

· Collar with two buttons and seam-covering fabric tape



MC3019QF SALSA POLO SHIRT

MATERIAL: Piquet honeycomb fabric 100% cotton, 210 g/m²

COLOUR: blue with white and red inserts SIZES: S-2XL





MC3019KC COLOUR: white with blue inserts SIZES: S-3XL MC3019QD COLOUR: blue with white/green inserts SIZES: S-3XL MC3019NB **COLOUR:** light blue with blue inserts MC3019QG COLOUR: blue with white inserts SIZES: S-3XL

MC3019AB COLOUR: grey with yellow inserts

· Chest pocket



MC3013PB HARD ROCK POLO SHIRT

 $\textbf{MATERIAL: } 97\% \text{ combed cotton jersey and } 3\% \text{ spandex, } 200 \text{ g/m}^2$

COLOUR: royal blue with inserts

SIZES: S-3XL

Two-button collar
 Stretch knit











MC2556ZC

RAGLAN UV T-SHIRT

MATERIAL: 50% polyester, 50% fibre treated polyester

COLOUR: black with grey inserts

SIZES: S-3XL

- · Round neck model
- Raglan cutErgonomic inserts in breathable fabric
- Protection against UV raysAnti-bacterial properties
- · Anti-odour properties

MC2557ZC

Long sleeves model



















REFLECTIVE BANDS CAN BE APPLIED ON ALL GARMENTS

O1 GREY REFLECTIVE BAND HEIGHT 5 CM

PA170023 AROUND SLEEVE PA170031 AROUND CHEST

02 TWO-TONE REFLECTIVE BAND HEIGHT 8.5 CM

PA170034 AROUND SLEEVE PA170035 AROUND CHEST

The set in the photo can be certified EN ISO 20471 class 1









MC3124BM SIRFLEX ZIP COLLAR SWEATSHIRT

MATERIAL: 50% cotton, 50% polyester, 280 g/m² COLOUR: grey SIZES: S-3XL

- Collar with zipper closure
 Internal seam-covering fabric tape
 Elastic knitted cuffs and waistband
 Chain stitched seams in contrasting colour

MC3124H0	COLOUR: orange SIZES: S-4XL
MC3124Q5	COLOUR: blue
MC3124Z9	COLOUR: black
MC3124S6	COLOUR: green
MC3124K1	COLOUR: white





MC3120Q7 OLYMPIC SWEATSHIRT

MATERIAL: 100% cotton, 330 g/m²

COLOUR: blue SIZES: S-3XL

Full-length zipperMuff pocketsHigh windproof collar

Inner collar with seam-covering fabric tape
Elastic knitted cuffs and waistband

MC3120AM COLOUR: grey

MC3120K1 COLOUR: white

MC3120B0 **COLOUR:** anthracite

MC3120S2 **COLOUR:** army green



MC3126Q5 KANGOO SWEATSHIRT

MATERIAL: 50% cotton, 50% polyester, 300 g/m²

COLOUR: blue SIZES: S-3XL

- Full-length zipperMuff pockets
- · Hood with drawstring
- · Elastic knitted cuffs
- · Seams in contrasting colour





MC3113Q7 TRICOLOUR SWEATSHIRT

MATERIAL: 100% cotton, 400 g/m²

COLOUR: blue SIZES: S-3XL

· Full-length metal zipper

Muff pockets with zipper closure
 Italian flag finishing on cuffs, waistband and inner collar

MC3113T0 COLOUR: green



MC3112Q7 PANAMA SWEATSHIRT

MATERIAL: 50% polyester, 50% cotton, 370 g/m² elastic knitted cuffs and waistband, 400 g/m 2

COLOUR: blue SIZES: XS-3XL

· Muff pockets with reinforcement bar tacks

9







MC3134Q5 BODYFORM MICRO-FLEECE

MATERIAL: 100% polyester, highly compact fabric, 144 filaments, 160 g/m^2 **COLOUR:** blue

SIZES: S-3XL

 \cdot Collar with zipper closure, in contrasting grey colour



MATERIAL: 100% polyester, highly compact fabric, 144 filaments, 200 g/m²

COLOUR: green **SIZES:** S-3XL

· Collar with zipper closure

MC3130Q5 COLOUR: blue













MC3119C0 BLOUSON MICRO-FLEECE

MATERIAL: 100% polyester, highly compact micro-fleece fabric, 144 filaments, 360 g/m²

COLOUR: grey SIZES: XS-3XL

- Nylon lining, breathable and windproof
 Full-length zipper
 High collar
 Elasticated cuffs
 Muff pockets and chest pocket with zipper closure
 Drawstring waistband

MC3119P2

COLOUR: royal bue SIZES: XS-2XL

MC3119Q5

COLOUR: blue SIZES: XS-3XL











FB1117 **METAL MESH VISOR** EN 1731 F

- $\boldsymbol{\cdot}$ Very thin and dense metal mesh structure
- · Stops solid bodies, even of small dimensions
- · Height 20 cm



FB1620 EXCALIBUR GOGGLES

EN 166 BT 3

- · Clear polycarbonate lens
- · Anti-fog treatment and indirect ventilation holes
- · 180° global vision
- It can also be used by operators wearing glasses
- · Lens 2C-1,2 1 BT



FB1127 FORESTIER SYSTEM EN 1731 EN 352-3

- Forestry system supplied with helmet adaptor
 Compatible with ABS 900, Mars and Cosmos
- Suitable to combine face and hearing protection, thanks to a light and flexible mesh visor and ear muffs SNR 26 dB



FB1624 EXCALIBUR DARK VISOR

EN 166 BT

- · Polycarbonate protective visor
- · Protects from solid particles and against splashes
- · One size fits all



FB1134 **BASIC FORESTIER SYSTEM** EN 397 EN 1731 EN 352-3

- Combined head, face and hearing protection
 Polypropylene helmet with four-point polyethylene internal harness, easily adjustable
- · Helmet adapter
- · Metal mesh visor
- · Ear muffs SNR 25.9 dB



MA1819

CHAINSAW PROTECTIVE GLOVE EN 381-7 CLASS 1 EN 388

- · Full grain leather
- · Split leather cuff
 - · Back chainsaw protection and reinforcement
 - · Aramid thread stitching
 - · One size fits all





THE JACKET MUST BE WORN IN COMBINATION WITH THE CUT PROTECTION BIB-TROUSERS OR TROUSERS. SUITABLE FOR PROTECTING THE OPERATOR'S ARMS FROM RISKS ARISING FROM THE USE OF A CHAINSAW.





EN 381-7 MA1829

CHAINSAW PROTECTIVE GLOVE

EN 388

EN 381-7 CLASS 1 EN 388



- Synthetic leather
- · Velcro cuff
- 3131X · Non-slip rubber reinforcement on palm
 - · Chainsaw protection on left hand
 - · Aramid thread stitching
 - · Size: 8-12











EN 381-7 MA1828

CHAINSAW PROTECTIVE GLOVE

EN 388





- Cuffs
- Split leather reinforcement on palm and back
- · Chainsaw protection on back
- · Elastic cuffs
- · Size: 9-10



MC5014SB

CHAINSAW PROTECTIVE JACKET CLASS 1-180° EN 381-11 CLASS 1

MATERIAL: 65% polyester and 35% cotton, 240 g/m²;

Padding on sleeves and yoke in PET 155 g/m² for cut protection

COLOUR: high visibility orange/green

SIZES: 44-62

- · Concealed zipper closure with Velcro fastening
- · Additional Velcro fastening on the neck
- · Adjustable cuffs with elastic
- · Two chest pockets with flaps and Velcro
- · Lower pockets with flap and Velcro

MC5054SA

CHAINSAW PROTECTIVE JACKET NO SAFETY



EN 381-5 MC5011S6

CHAINSAW PROTECTIVE TROUSERS CLASS 1-180° EN 381-5 CLASS 1

MATERIAL: 65% polyester and 35% cotton, 240 g/m²;

Padding on front part of the legs in PET 155 g/m² for cut protection

COLOUR: high visibility orange/green

SIZES: 44-62

- · Front zipper closure and inner button
- · Two patch pockets with bottom reinforcement
- · Back pocket with flap and Velcro
- · Six 3 cm loops around waist
- · Buttons between the loops for shoulders straps

MC5031S6

CHAINSAW PROTECTIVE TROUSERS CLASS 2-360° MC5021S6

CHAINSAW PROTECTIVE TROUSERS CLASS 2-180°



MC5023S6

CHAINSAW PROTECTIVE BIB-TROUSERS CLASS 2-180° EN 381-5 CLASS 2

MATERIAL: 65% polyester and 35% cotton, 240 g/m²;

Padding on front part of the legs in PET 155 g/m² for cut protection

COLOUR: high visibility orange/green

SIZES: 44-62

- · Elastic shoulder straps with quick-fastening buckles
- · Bib pocket with zipper
- · Back elasticated waistband and adjustable waist
- · Two patch pockets with bottom reinforcement
- · Back pocket with flap and Velcro
- · Rear bib

MC5033S6

CHAINSAW PROTECTIVE BIB-TROUSERS CLASS 2-360°



MB2411 SAVER BOOTS

EN 17249 A E P WRU FO SRA CLASS 1

COLOUR: black SIZES: 39-47

- · UPPER: grain leather
- · LINING: breathable polyester
- · TOECAP: composite
- PUNCTURE PROOF: composite midsole
- · FOOTBED: Anti-shock PU foam
- · OUTSOLE: nitrile rubber



MB2413 FORESTIER BOOTS

EN 17249 CLASS 3 EN 20345 SB E FO SRA

COLOUR: red SIZES: 39-47

- · UPPER: vulcanized rubber with front and side protection against chainsaw. Calf adjustment system
- · LINING: natural canvas cotton
- · TOECAP: steel
- · FOOTBED: anatomic and breathable
- · OUTSOLE: rubber resistant to light acids and alkaline substances

POLIETIL

100% POLYETHYLENE, WATERPROOF, NON BREATHABLE

POLIFILM

100% POLYPROPYLENE, NON WATERPROOF, **BREATHABLE**

CHEMFOR

POLYPROPYLENE AND MICROFIBRE **WATERPROOF** AND BREATHABLE

CHEMTEX

TRILAMINATE POLYPROPYLENE 50-55 G/M²

RECOMMENDED FOR

- FOOD PROCESSING INDUSTRY
- PROCESSING AND **DISTRIBUTION OF FRUITS** AND VEGETABLES
- PROCESSING AND **DISTRIBUTION OF MEAT**
- PHARMACEUTICAL INDUSTRY
- CHEMICAL AND TESTING **LABORATORIES**
- MEDICAL/HOSPITALS
- VETERINARY
- PETROCHEMICAL INDUSTRY
- FUEL STATIONS
- CLEANING



MC5142K0

SAMI GLOVE

MATERIAL: 100% polyethylene

COLOUR: clear SIZES: one size fits all

- · Not waterproof
- · Breathable
- · Pack of 10,000 pieces



MA2518

KRABY GLOVE

MATERIAL: Polyethylene, 0.05 mm increased

thickness COLOUR: clear SIZES: one size fits all

- · Length 50 cm
- · Dexterity 5
- · Pack of 1,000 pieces



MA2519

DAY FLEX GLOVE

MATERIAL: Polyethylene COLOUR: light blue SIZES: one size fits all

- · Length 70 cm
- · Thickness 0.02 mm
- · Pack of 1000 pieces



MC5118K1

POLIETIL CM 40 SLEEVES

MATERIAL: 100% polyethylene, thickness 0.2 mm;

Length 40 cm COLOUR: white SIZES: one size fits all

- · Elastic on both sides
- · Pack of 100 pieces

MC5118P0 COLOUR: blue MC5118E0 COLOUR: yellow MC5118L0 COLOUR: red MC5118SO COLOUR: green





MATERIAL: Chemfor with antistatic treatment

COLOUR: white SIZES: M-2XL

- · Unisex model
- · Closure with 4 snap buttons
- · Shirt collar
- · Elasticated cuffs





MATERIAL: Chemfor, microporous coated fabric, Polypropylene and microfibre, 55 g/m²

COLOUR: white SIZES: one size fits all

- · Waterproof and breathable
- · Length 40 cm
- · Pack of 100 pieces















MATERIAL: Polifilm 100% polypropylene, 30 g/m²

COLOUR: green SIZES: M-2XL

- · Non waterproof
- · Breathable
- · Velcro fastening
- · Pack of 50 pieces in packs of 10 pcs

MC5112K1 COLOUR: white MC5112P0 COLOUR: blue MC5112E0 COLOUR: yellow



MATERIAL: 100% polypropylene, 40 g/m²

COLOUR: blue SIZES: M-2XL

- · Central zipper closure
- · Hood
- · Elastic around wrists and ankles
- · Pack of 50 pieces

MC5111K1 MC5111S0

COLOUR: white COLOUR: green

MC5113K1 POLIETIL OVERCOAT

MATERIAL: 100% polyethylene, thickness 0.2 mm

COLOUR: white SIZES: S-2XL

- · Waterproof, non breathable
- · Hood and snap button closure
- · Pack of 500 pieces
- · Can also be used as a raincoat for limited use

MC5114N0

POLIETIL TUNIC

MATERIAL: 100% polyethylene, thickness 0.15 mm

COLOUR: light blue SIZES: L-XL

- · For medical use
- · Long sleeves, thumbhole cuffs
- $\boldsymbol{\cdot}$ Rear closure with laces
- · Pack of 50 pieces



MC5117K1 **DENSITY APRON**

MATERIAL: High density polyethylene COLOUR: white

SIZES: one size fits all

- · Dimensions 110x86 cm
- · Pack of 50 pieces



MC5217K1 LIMA COSTA APRON

MATERIAL: Chemfor, 55 g/m² COLOUR: white

- SIZES: one size fits all · Waterproof and breathable
- · Dimensions 85x100 cm





MATERIAL: Polyethylene, thickness 0.025 mm COLOUR: white

SIZES: one size fits all

- · Dimensions 81x135 cm
- · Pack of 50 pieces

MC5114P0 COLOUR: blue MC5114E0 MC5114L0 MC5114SO COLOUR: green

COLOUR: yellow COLOUR: red

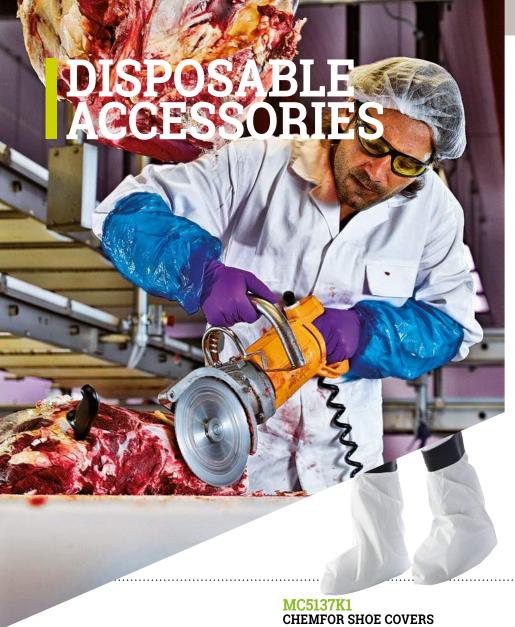


MC5115K1 **CHEMTEX APRON**

MATERIAL: Trilaminate polypropylene, 50 g/m²

COLOUR: white SIZES: one size fits all

- · Dimensions 75x80 cm
- · Pack of 100 pieces







MC5120P0

POLIETIL SHOE COVERS

MATERIAL: Polyethylene, thickness 0.02 mm

COLOUR: blue SIZES: one size fits all

- · Waterproof, non breathable
- · Dimensions 15x41 cm
- · Pack of 100 pieces
- · Suitable for all types of footwear

MC5122N0

CHEMTEX SHOE COVERS

MATERIAL: Non-woven fabric SMS weight

COLOUR: light blue SIZES: one size fits all

- · Dimensions 18x41 cm
- · Pack of 100 pieces

MC5122K1 MC5122S0

COLOUR: white COLOUR: green



MATERIAL: Chemfor, microporous coated fabric, polypropylene and microfibre

COLOUR: white **SIZES:** one size fits all

- · Waterproof
- · Breathable
- · Dimensions 48x40 cm
- · Pack of 100 pieces

MC5135K1 SHOE COVERS IN TYVEK WITH **STRINGS**

MATERIAL: Tyvek **COLOUR:** white SIZES: one size fits all

- · Height 48 cm
- · 2 strings to allow the fastening to the trousers or ankles
- · Pack of 100 pieces

FA1111

RIGID MASK

MATERIAL: Paper COLOUR: white SIZES: one size fits all

- · Made of paper and only suitable for filtering coarse and non-harmful particles
- · Positioning elastic straps
- · Pack of 50 pieces



POLIFILM MEN'S CAP

MATERIAL: 100% polypropylene COLOUR: white SIZES: one size fits all

- · Non waterproof
- · Breathable
- · Pack of 1,000 pieces



MC5130K1 **MESH HAIRNET**

MATERIAL: Mesh fabric COLOUR: white SIZES: one size fits all

· Pack of 1,000 pieces



MC5125K1 ROUND UNISEX POLIFILM HAIRNET

MATERIAL: Polifilm, 100% polypropylene, 10 g/m² COLOUR: white

SIZES: one size fits all

- · Non waterproof
- · Breathable
- · Pack of 1,000 pieces

MC5125NO COLOUR: light blue MC5125SO COLOUR: green



MC5127K1 POLIFILM UNISEX **BRIMMED CAP**

MATERIAL: Polypropylene, 15 g/m²

COLOUR: white SIZES: one size fits all

- · Unisex model
- · Non waterproof, breathable
- · Pack of 1,000 pieces









MC5123K1

NON-SLIP SHOE COVERS

MATERIAL: Polypropylene, polyethylene COLOUR: white/blue

SIZES: one size fits all

- · Reinforced polypropylene with water resistant sole
- · Dimensions 17x40 cm
- · Pack of 100 pieces

MC5121K1

NON-SLIP DOTTED SHOE COVERS

MATERIAL: Polypropylene **COLOUR:** white

SIZES: one size fits all

- · Reinforced PVC dotted sole with non-slip and abrasion resistance properties
- · Dimensions 18x41 cm
- · Pack of 100 pieces

MC5136K1 TYVEK SHOE COVERS

MATERIAL: Tyvek COLOUR: white SIZES: one size fits all

- · Dimensions 18x41 cm, waterproof
- · Pack of 100 pieces

MC5139K0

POLYETHYLENE SHOE **COVERS**

MATERIAL: Polyethylene,thickness 0.06 mm

COLOUR: clear SIZES: one size fits all

- · Reinforced dotted sole
- · Elastic fastening at the calf
- · 48x40 cm
- · Pack of 100 pieces



FA1112 SURGERY MASK

MATERIAL: Triple layer of fabric resistant to aerial

COLOUR: green SIZES: one size fits all

- · Non sterile
- · Indicated for blood and saliva sprays
- · Pack of 50 pieces
- · It is not a protective equipment



MC5131K1 **POLIFILM FACE COVER**

MATERIAL: Polifilm, 100% polypropylene, 40 g/m² COLOUR: white

SIZES: one size fits all

- · Non waterproof, breathable
- · Pack of 250 pieces



MC5126N0 **PIRAT HOOD**

MATERIAL: Polypropylene COLOUR: light blue SIZES: one size fits all

- · Polypropylene with integrated mask
- · It only reveals the eyes
- · Pack of 100 pieces

MC5126K1 COLOUR: white MC5126SO COLOUR: green



POLIFILM CAP

MATERIAL: Peak 100% polypropylene, 40 g/m²

COLOUR: white SIZES: one size fits all

- · Men's model
- · Not waterproof, breathable
- · Pack of 1,000 pieces

MC5133SO colour: green



MC5128N0 STRETCH UNISEX CAP

MATERIAL: Polypropylene COLOUR: light blue SIZES: one size fits all

- · Pleated unisex model, in polypropylene
- · Pack of 1,000 pieces

MC5128K1 COLOUR: white MC5128E5 COLOUR: yellow MC5128L0 COLOUR: red MC5128SO COLOUR: green MC5128L3 COLOUR: pink



MATERIAL: Polypropylene COLOUR: light blue SIZES: one size fits all

- · Pleated unisex stretch model, in polypropylene
- · Metal insert for metal detection
- · Pack of 1,000 pieces



MC5124N0 **WOMEN'S HAIRNET**

MATERIAL: Polypropylene COLOUR: light blue SIZES: one size fits all

· Pack of 500 pieces

MC5124K1 COLOUR: white

MC5124SO COLOUR: green



MC5134K1 TYVEK HOOD

MATERIAL: Tyvek COLOUR: white SIZES: one size fits all

- · Elastic around face
- · Pack of 20 pieces







MA1822

BUTCHER'S (15 CM) GLOVE

EN 1082-1

MATERIAL: Stainless steel chainmail with 0.55 mm rings SIZES: XS/green, S/white, M/red, L/blue, XL/orange

- · 15 cm extended cuff
- · Ambidextrous
- · Plastic adjustable buckle

MA1823 · 21 cm extended cuff **MA1824** · 30 cm extended cuff **MA1825** · 60 cm extended cuff

MA1826 · Three-fingers model SIZES: XS-L





MA1821 BUTCHER'S GLOVE

EN 1082-1

MATERIAL: Stainless steel chainmail with 0.55 mm

SIZES: XS/green, S/white, M/red, L/blue, XL/orange

- · Ambidextrous
- · Plastic adjustable buckle







MA1511

SLAUTER GLOVE

EN 388 - FOODSAFE

MATERIAL: Dytex knit COLOUR: white SIZES: 6-7-8-9-10-11

- · Single slove in high-tenacity Dytex knit
- with steel core
- · Elasticated knit cuff
- Dexterity: 5





MA1520 ARMEX ARM CUFF

FN 388

MATERIAL: Aramid knit COLOUR: yellow SIZES: one size fits all

- · Length 44 cm
- · Dexterity: 5





SUPER ARMEX ARM CUFF

MATERIAL: Cut resistant knitted fabric

- **COLOUR:** grey **SIZES:** one size fits all
- · Length 52 cm
- · Silicone inserts
- · Dexterity 5



MC5214X2 RASANEN APRON

EN 13998 LEVEL 2

MATERIAL: Ultralight aluminium plates, assembled by stainless steel rings, 1450 g, dimensions 55x70 cm

COLOUR: silver **SIZES:** one size fits all

- · Withstands knife blows
- · Usable on both sides
- · Adjustable harness



MC1419K1 EVOLUTION APRON

MATERIAL: Evolution fabric 65% polyester and 35% cotton, 240 g/m²

COLOUR: white **SIZES:** one size

- · Closure by fabric strings
- · Dimensions 65x85 cm

MC1419Q5 COLOUR: blue MC1419Z9 COLOUR: black



MC5211K1 ALVES APRON

MATERIAL: PVC COLOUR: white SIZES: one size

- · Waterproof
- · Thickness 0.3 mm
- · Resistant to most chemicals
- · Tear resistant
- · Dimensions 75x120 cm

MC5211SO COLOUR: green



MC5212K1 TREVIRA APRON

MATERIAL: Polyester/PVC COLOUR: white SIZES: one size

- · Thickness 0.5 mm
- · Dimensions 75x120 cm
- Suitable for all processes requiring high resistance

MC5212SO COLOUR: green



MC5213K1 DELTA APRON

MATERIAL: Polyurethane, thickness 0.3 mm COLOUR: white

SIZES: one size

- Resistant to the main acid substances and organic products such as blood, meat, animal fats, casein
- Elasticated adjustable rear closure
- · Dimensions 90x115 cm



MC5216K1 PVC APRON

MATERIAL: PVC, thickness 0.2 mm

COLOUR: white **SIZES:** one size

· Dimensions 89x127 cm

MC5216K0 COLOUR: clear MC5216P0 COLOUR: blue







3221 321 4CF221NO

MC5221N0 CRYOGENIC APRON

EN 511 EN 388

MATERIAL: Special fabric coated in extremely hard-wearing composite material

COLOUR: light blue **SIZES:** one size

- · Protection against cryogenic gas sprays
- · Adjustable neck and waist clip buckles
- · Shoulder straps in polyester with easy clip closure
- · Dimensions 70x90 cm

THERMO LIGHT STRETCH





03

PADDING

RECOMMENDED **FOR**

- METALWORKING **INDUSTRY**
- FOOD INDUSTRY
- PHARMACEUTICAL **INDUSTRY**
- CHEMICAL AND **TESTING LABORATORIES**
- CLEANING
- LOGISTICS











01 MC5314QV

THERMO JACKET

MATERIAL: High frequency laminated seamless fabric, 100% polyester, padding 100 g/m²

COLOUR: blue SIZES: S-3XL

- · Front zipper closure
- · Two lower pockets
- · Elasticated armhole and bottom
- · Turtleneck collar with fleece lining
- · Softshell windproof inserts

02 MC5314K1 COLOUR: white



03 MC5325QV

THERMO JACKET

EN 14058

COLOUR: blue SIZES: XS-3XL

· Ladies' model

04 MC5325K1 COLOUR: white







MC5316QV

THERMO BODYWARMER

MATERIAL: High frequency laminated seamless fabric, 100% polyester, padding 100 g/m²

COLOUR: blue SIZES: S-3XL

- · Front zipper closure
- · Two lower pockets
- · Elasticated armhole and bottom
- · Turtleneck collar with fleece lining
- · Softshell windproof inserts

MC5316K1 COLOUR: white



05 MC5311QV

THERMO TROUSERS

EN 14058

MATERIAL: High frequency laminated seamless fabric, 100% polyester

COLOUR: blue SIZES: S-3XL

- · Classic cut front pockets
- · Back welt pocket
- · Waistband with adjustable drawstring
- · Softshell windproof inserts

06 MC5311K1 COLOUR: white



- \cdot Concealed zipper closure with flap, with Velcro fastening and snap buttons
- $\boldsymbol{\cdot}$ Front waist with outline in comfortable knitted fabric
- \cdot Adjustable shoulder straps, elasticated, with quick-fastening $\,$ buckles $\,$
- · High rear bib
- · Back elasticated waistband
- · Back pocket fastened with Velcro
- · Front pockets with flap and Velcro
- · Concealed zipper closure with flap and Velcro on the bottom of the legs
- · Reflective bands and piping

MB2316

VECTOR BOOTS EN ISO 20345 S3 CI HRO SRC

COLOUR: black SIZES: 39-47

- · UPPER: nubuck leather
- · LINING: Eco-friendly fur and Thinsulate 200 g/m² padding
- · TOECAP: fibreglass
- PUNCTURE PROOF: composite midsole
- FOOTBED: Maximum
- \cdot OUTSOLE: Rubber Max PU/rubber with TPU overcap and inserts







EN 342 MC5344QL FREEZER JACKET

EN 342

MATERIAL: 100% Nylon Oxford 420D, padding in Thinsulate 3M,

350 g/m² COLOUR: blue SIZES: S-3XL

- · Worn in combination with the bib-trousers, the jacket is certified for protection against temperatures down to -60°C
- · Two-way concealed zipper closure with buttons
- · Collar closed with double Velcro
- · Micro-fleece collar lining
- · Pocket fastened with Velcro on left sleeve
- · Elastic knitted cuffs
- · Detachable padded hood with drawstring
- Drawstring on the bottomFluorescent yellow and grey inserts
- Reflective bands and piping
 Two chest pockets with Velcro and pen holder
 Two lower pockets with flap and Velcro
- · Inner pocket



MC5343QL FREEZER BIB-TROUSERS

MATERIAL: 100% nylon Oxford 420D, padding in Thinsulate

3M, 350 g/m² COLOUR: blue SIZES: S-3XL

- Worn in combination with the jacket, the bib-trousers is certified for protection against temperatures down to -60°C
- Zipper closure
- · Adjustable elasticated shoulder straps with quick
- -fastening buckles and rear bib
- Three-dimensional side patch pockets
- · Back elasticated waistband
- · Knee pad pockets
- · Ankle zippers
- · Fluorescent yellow and grey inserts
- · Reflective bands and piping



MC5347QL FREEZER COVERALL

MATERIAL: 100% nylon Oxford 420D, padding in

Thinsulate 3M, 350 g/m²

COLOUR: blue SIZES: S-3XL

- · Two-way concealed zipper closure
- · Collar closed with double Velcro
- · Micro-fleece collar lining
- · Elastic knitted cuffs · Inner pocket
- · Knee pad pockets
- · Ankle zippers
- · Grey and fluorescent yellow inserts and piping



MC2315P0 **COLD RESISTANT CAP**



Warm cotton with Cool-Max breathable system



MB2714 JUMBO BOOTS

- UPPER: polyurethane LINING: 30% wool, 30% acrylic, 40% polyester TOECAP: fibreglass

CHEMICAL PROTECTION

EN 943-1/2 EN 1073-2 EN 1149-5 EN 13034 EN ISO 13982-1 EN ISO 14116 EN 14126 EN 14605 DIN 32781

EN STANDARDS FOR PROTECTIVE CLOTHING

The following is a brief summary of the EN norms for protective clothing, in force at the time of publication. According to EU Directive 2016/425, any personal protective equipment must carry the CE label for one of the three following categories:

> Category I: Products for minimal risks

Products suitable for protection against dirt and non harmful substances. EN 13688.

> Category II: Products for medium risks

Products that are not included within category I and III. Limited protection.

> Category III: Complex design

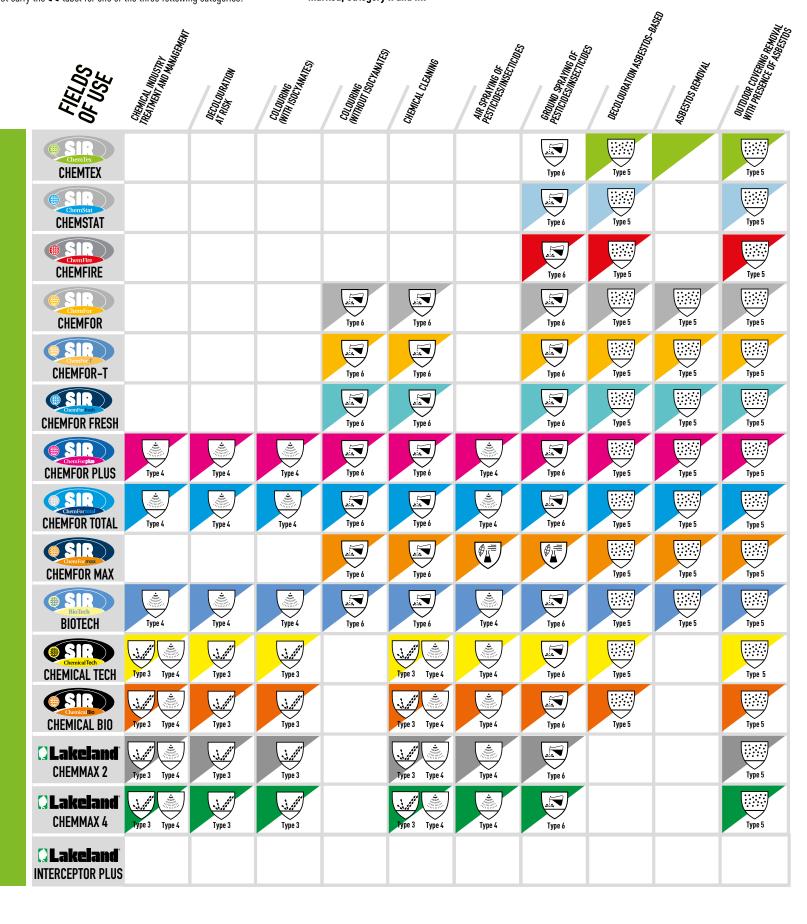
Products to wear or use for protection against serious and irreversible risks which might result in permanent consequences and damage.

All chemical protective clothing in SIR range is CE marked, Category II and III.

LIMITS OF USE

The following factors must be considered when choosing the most appropriate clothing:

- 1. concentration and toxicity of the chemical substances to be handled;
- 2. concentration and quantity of the liquid spray and splashes:
- 3. conditions in which the clothes are used;
- **4.** for dry and nebulized particles, the size and toxicity of the particles.



To obtain the C€ mark for any kind of protection, the garment must be tested according to one of the above mentioned standards by type.

In the "typology test" the finished garments undergo several movement and spraying tests, devised to recreate a real working environment. Every type is associated to a specific protection class, such as the one against dust (Type 5), total waterproofing ability (Type 4) and gas-tightness (Type 1). These tests are performed wearing the garments inside a sealed room. Several volumes of specific liquids or dusts are nebulized on these garments, whereupon the penetration level is measured and a positive or negative evaluation is given based upon specific criteria. In addition, the fabrics and the seams are tested in accordance to different EN standards to provide the garment's mechanical features.

Six types of protection are classified in Category III: Type 1, Type 2, Type 3, Type 4, Type 5, Type 6 and five additional resistances. Each type is defined in accordance to a specific benchmark standard:



Protective coveralls against pesticides









suits







reduced mists

resistant suits

EN14126 **B**



particles resistant

suits



Heat resistant



Suits with electrostatic properties

PHAMACEURAL MUSTRY	MOD AND METAL PROJESSMY	Tr HESINS	PROTECTION AGMIST OW	LIGHT SPHAINE OF BERGENS	s	.sn	STEM AND PRESSURE MATER BASED DEFENSER.	Samus S	OPERITOR IN MEES WITH	MFETTOUS SUBSTANCES REMAIN.	30kg \$38M III III 1313 100 100 100 100 100 100 100 100 10	Ą
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LIMITED CHEMICAL PROTECTION TYPE 6









MC3317C0

TEFLON COVERALL

EN 13034 TYPE 6

MATERIAL: 65% polyester, 35% cotton, 245 g/m²

COLOUR: grey **SIZES:** 42-64

- · Two-way concealed central zipper closure with Velcro
- $\cdot \ \, \text{Elastic waistband}$
- · Front and chest pocket with flap and Velcro
- · Elasticated cuffs

MC3317K1 COLOUR: white MC3317Q5 COLOUR: blue



MC3314C0 TEFLON JACKET

EN 13034 TYPE 6

MATERIAL: 65% polyester, 35% cotton, 245 g/m²

COLOUR: grey **SIZES:** 42-64

- · Concealed central zipper closure with
- · Pockets with flap and Velcro
- · Elasticated cuffs

MC3314K1coLour: white MC3314Q5 COLOUR: blue



MC3311C0

TEFLON TROUSERS

EN 13034 TYPE 6

MATERIAL: 65% polyester, 35% cotton, 245 g/m²

COLOUR: grey **SIZES:** 42-64

- · Fly with zipper and button
- · Front welt pockets
- · Back pocket with flap and Velcro

MC3311K1 COLOUR: white MC3311Q5 COLOUR: blue

JACKET AND TROUSERS MUST BE WORN IN COMBINATION



MC3318K1

TEFLON LAB COAT

EN 13034 TYPE 6 PB

MATERIAL: 65% polyester, 35% cotton, 245 g/m²

COLOUR: white **SIZES:** 42-64

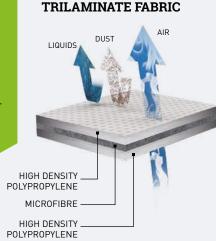
- · Concealed central zipper closure with buttons
- · Pockets with flap and Velcro
- · Elasticated cuffs

MC3318Q5 COLOUR: blue MC3318C0 COLOUR: grey





- **COLLECTION AND** DISPOSAL
- PAINTING
- CHEMICAL AND TESTING LABORATORIES
- FOOD INDUSTRY
- RECLAMATION AND PEST CONTROL



HAZARDOUS DRY DUST, CHEMTEX AND **CHEMSTAT** FABRICS ARE HIGHLY VALUABLE PRODUCTS. THEY ARE AN EXCELLENT BARRIER AGAINST SOLID PARTICLES, EVEN VERY FINE DUSTS, AND REPELLENT AGAINST LIGHT LIQUID SPLASHES AND TOXIC AND NON-TOXIC PRODUCT MISTS.





MATERIAL: 100% antistatic polypropylene **COLOUR:** cornflower blue



TO BE WORN AS PROTECTION OVER CONVENTIONAL GARMENTS Concealed central zipper closure with flap

SIZES: M-2XL

- EN ISO 14116
- EN 1149
- · Designed to protect against contact with small splashes of liquid chemical agents, in presence of dust and particles

· Elastic on hood, waistband, cuffs and ankles

- Suitable for short contacts with the flame
- · Pack of 25 pieces





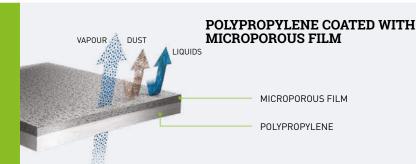
CHEMICAL PROTECTION

YPE 4-5-6



RECOMMENDED FOR

- CLEANING
- CONSTRUCTION
- INSTALLATION AND MAINTENANCE
- INDUSTRIAL **INSTALLATIONS**
- WASTE AND ASBESTOS **COLLECTION AND DISPOSAL**
- PAINTING
- CHEMICAL AND TESTING **LABORATORIES**
- AGRIBUSINESS INDUSTRY
- SHIPBUILDING
- RECLAMATION AND PEST CONTROL



PRODUCTS REALIZED THROUGH THE COMBINATION OF TWO DIFFERENT FABRICS: AN INTERNAL POLYPROPYLENE STRUCTURE WITH MECHANICAL RESISTANCE PROPERTIES, AND AN EXTERNAL MICROPOROUS BREATHABLE FILM FOR PROTECTION AGAINST DUSTS AND LIQUIDS. RESISTANT, BREATHABLE AND HIGHLY









CHEMFOR-T COVERALL

EN ISO 13982-1 TYPE 5 **EN 13034** TYPE 6 EN 1149-5

MATERIAL: Polypropylene coated with high strength breathable microporous film

COLOUR: white SIZES: M-2XL

- · Concealed central zipper closure
- · Elasticated hood, waist, cuffs and ankles
- · Antistatic properties
- · Pack of 25 pieces





- · Elasticated hood, cuffs, waist and ankles
- · Pack of 25 pieces

SIZES: M-3XL





CHEMFOR MAX COVERALL

EN ISO 13982-1 TYPE 5B EN 13034 TYPE 6B EN 1149-5 EN 14126 EN 1073-2 DIN 32781

MATERIAL: Polypropylene fabric, coupled with breathable microporous film, weight 63 g/m² with four-threads high density reinforced stitching

COLOUR: white SIZES: M-3XL

- \cdot Concealed zipper closure with adhesive flap
- · Elasticated hood, cuffs and ankles
- · Antistatic properties
- · Designed for protection against radioactive contamination in the form of particles, it also provides protection against dusts and partial protection against liquids
- · Protection against pesticides
- · Pack of 25 pieces

MC3434K1

CHEMFOR TOTAL COVERALL

EN 14605 TYPE 4B EN ISO 13982-1 TYPE 5B EN 13034 TYPE 6B EN 1149-5 EN 14126 EN 1073-2

MATERIAL: High density polypropylene fabric coupled with breathable microporous film

COLOUR: white SIZES: M-2XL

- $\boldsymbol{\cdot}$ It features mechanical protection and tear resistance
- · Heat-sealed seams in contrasting colour
- · Two-way concealed zipper closure with adhesive flap
- · Elasticated hood, cuffs and ankles
- · Pack of 20 pieces
- · Thumbhole elastic

MC3419N0

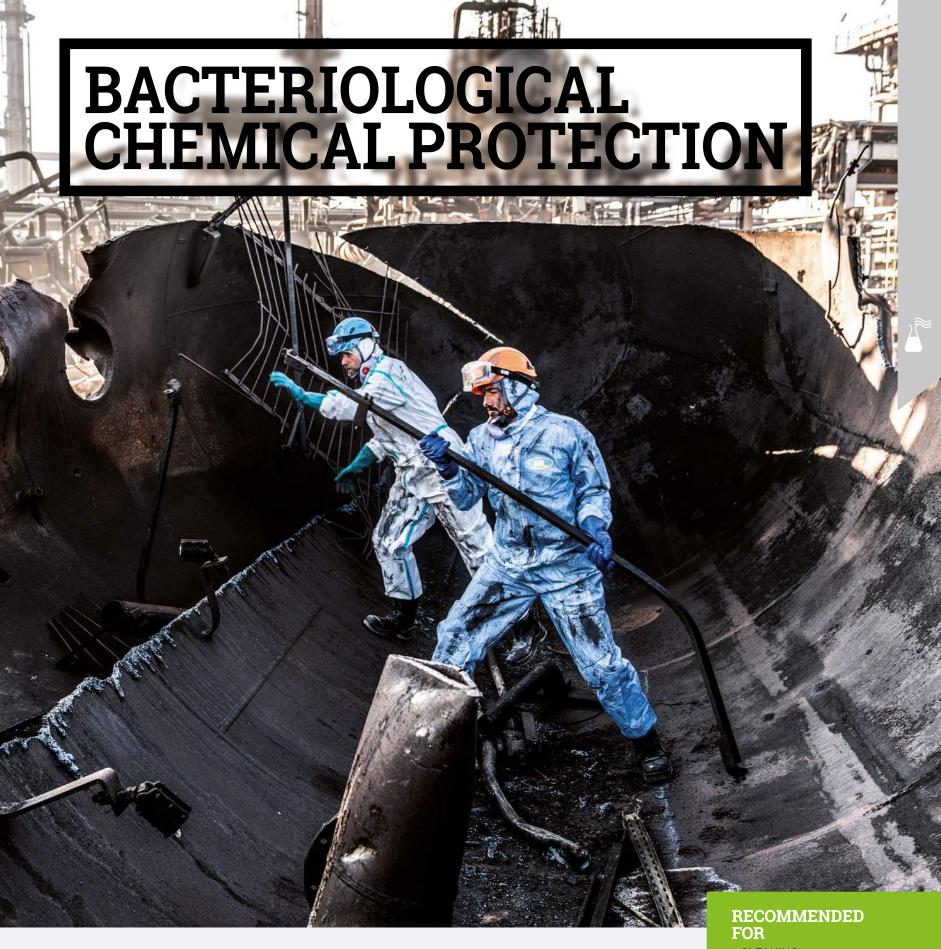
BIOTECH COVERALL

EN 14605 TYPE 3B 4B EN ISO 13982-1 TYPE 5B EN 1149-5 EN 14126

MATERIAL: Microfibre resistant to dust, liquids and viruses, reinforced with a layer of high density polypropylene

COLOUR: light blue SIZES: M-3XL

- · Ultrasound sealed seams in contrasting colour, resistant to liquids, sprays and splashes
- · Concealed zipper closure with adhesive flap
- · Elasticated hood, waist, cuffs and ankles
- · Specific for protection against active viruses, transmitted through blood or organic matter
- · Pack of 20 pieces



LIQUIDS DUST VIRUSES

MICROFIBRE FABRIC

HIGH DENSITY POLYPROPYLENE

MICROFIBRE

HIGH DENSITY POLYPROPYLENE

- CLEANING
- CONSTRUCTION
- WASTE AND ASBESTOS DISPOSAL
- PAINTING
- CHEMICAL
- LABORATORIES
- FOOD INDUSTRY
- RECLAMATION AND PEST CONTROL

CHEMICAL PROTECTION

TYPE 3-2-1

INDICATED FOR PROTECTION AGAINST MULTIPLE CHEMICAL AGENTS, THIS WIDE RANGE OFFERS A HIGH LEVEL OF PROTECTION AGAINST CHEMICAL AGENTS, EVEN IN HIGH CONCENTRATIONS, AND OUTSTANDING MECHANICAL RESISTANCE.

RECOMMENDED FOR

• ALL COMPANIES AND ACTIVITIES THAT REQUIRE EXTREME PROTECTION AGAINST **CHEMICAL AGENTS**



MC3425E0 **CHEMTAPE**

COLOUR: yellow

- $\boldsymbol{\cdot}$ Suitable for sealing gloves and boots to the coverall
- · Length 54 m
- · Width 5 cm













CHEMICAL TECH COVERALL EN 14605 TYPE 3B 4B EN ISO 13982-1 TYPE 5B EN 14126 EN 1149-5

MATERIAL: Multilayer polypropylene and polyethylene fabric, 90 g/m² COLOUR: royal blue

SIZES: M-3XL

- · Concealed double zipper closure with adhesive flap
- · Elasticated hood, cuffs and ankles
- · Additional self-adhesive protective band on neck
- · Thumbhole elastic
- · Reinforcement fabric on the knee area
- · The coverall provides good resistance thanks to the multilayer material and excellent chemical and bacteriological protection also guaranteed by the taped seams
- · Pack of 20 pieces

















CHEMICAL BIO COVERALL

EN 14605 TYPE 3B 4B EN ISO 13982-1 TYPE 5B EN 13034 TYPE 6B EN 14126 EN 1149-5 EN 1073-2

MATERIAL: Multilayer polypropylene and polyethylene fabric, 90 g/m²

COLOUR: yellow SIZES: M-2XL

- · Concealed double zipper closure with adhesive flap
- · Knee reinforcement fabric
- · Elasticated hood, cuffs and ankles
- · Thumbhole elastic
- · The coverall provides excellent chemical and biological protection, quarantees protection against radioactive contamination and against chemical liquid splashes thanks to the heat-sealed taped seams
- · Pack of 12 pieces

Lakeland





INTERCEPTOR PLUS COVERALL EN 943-1 TYPE 1A EN 943-2 TYPE 1A ET

MATERIAL: 325 g/m² multi-layer fabric COLOUR: orange SIZES: S-3XL

- · Fully encapsulated gas suit to be used with self-contained breathing apparatus with autonomous air supply through cylinders
- Taped seams both inside and outside
- Gas-tight zipper closure covered with double flap
 Built-in shoe covers to be fitted in the boots (not included)
- Built-in gloves with double protection, chemical protection inside, butyl outside
- Protection against a wide range of chemical



HEAT-SEALED SEAMS

CONCEALED ZIPPER CLOSURE

KNEE REINFORCEMENT



















CHEMMAX 2 COVERALL

EN 14605 TYPE 3B 4B EN ISO 13982-1 TYPE 5B EN 13034 TYPE 6B EN 1149-5 EN 14126 EN 1073-2

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CLASS
6
6
5
3
2

SIZES: S-3XL Pack of 10 pieces

NEW

ELASTICATED HOOD, CUFFS AND ANKLES







Pack of 10 pieces

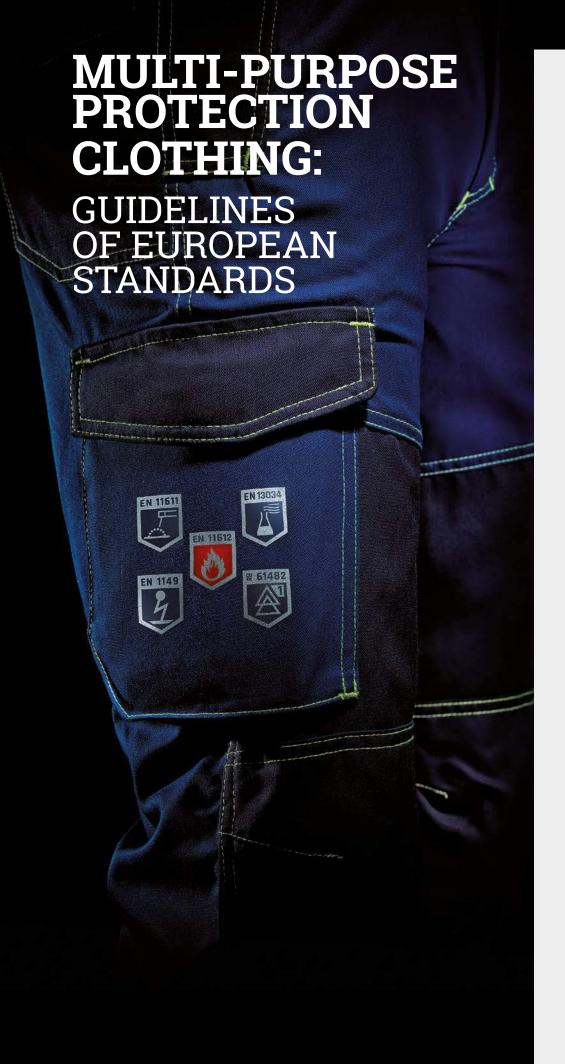
EN 14605 TYPE 3B 4B EN ISO 13982-1 TYPE 5B EN 13034 TYPE 6B EN 1149-5 EN 14126 EN 1073-2

CHEMMAX 4 PLUS COVERALL

MECHANICAL FEATURES

MAIN FEATURES	CLASS
Abrasion resistance	6
Flexural strength	2
Trapezoidal tear test	6
Tensile strength	4
Penetration resistance	2







EN 1149

It is the European standard for protective clothing against the hazards caused by static electricity. This standard is not applicable for protection against high voltages.

FEATURE	REQUIREMENT
SEMI-ATTENUATION TIME OF THE CHARGE (EN 1149-3)	T ₅₀ <4 S
SHIELDING FACTOR (EN 1149-3)	S >0,2



EN 13034

Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (type 6 equipment). This standard specifies the minimum requirements for limited use and reuseable limited performance chemical protective clothing.

Limited performance chemical protective clothing is intended for use in cases of a potential exposure to a light spray, liquid aerosols or low pressure, low volume splashes, against which a full liquid permeation barrier (at the molecular level) is not required.



EN ISO 20471

The standard specifies safety requirements and test methods for high-visibility clothing, designed to improve the visibility of the wearer in dangerous situations, in any daytime lighting condition and in any headlights illumination in the dark.

This standard defines the performance class (x), related to the surface of retro-reflective and fluorescent material (3 levels, where 3 is the highest).



EN ISO 11611

This standard specifies the basic safety requirements and test methods for protective clothing to be used in welding and associated processes (excluding hand protection).

The standard specifies two classes with specific performance requirements:

- CLASS 1 protection against less hazardous welding operations, causing lower levels of splashes and moderate radiant heat.
- CLASS 2 protection against more hazardous welding operations, causing higher levels of splashes and more intense radiant heat



EN ISO 11612

The performance requirements set out in this international standard are applicable to garments which may be worn in a wide range of applications, where there is a need for clothing with limited flame spread properties and where the user may be exposed to radiant, convective, contact heat, contact with flames or molten metal splashes.

A. Burning behaviour

A) no puncture;

B) no flaming;

C) no debris;

D) after-flame time ≤ 2 s;

E) after-glow time ≤ 2 s.

B. Convective heat

Garments that claim to offer protection against convective heat shall meet at least performance level B1 in the following table:

PERFORMANCE LEVEL	HTI 24(s)		
	MIN	MAX	
B1	4.0	< 10.0	
B2	10.0	< 20.0	
B3	20.0		

C. Radiant heat

Tested at a heat flow density of 20 kw/m², garments that are claimed to offer protection against radiant heat shall meet at least performance level C1 in the following table:

PERFORMANCE LEVEL	RHTI 24(s)		
	MIN	MAX	
C1	7.0	< 20.0	
C2	20.0	< 50.0	
C3	50.0	< 95.0	
C4	95.0		

D. Molten aluminium splashes

Garments that claim to offer protection against molten aluminium splashes shall meet at least performance level D1 in the following table:

PERFORMANCE LEVEL	MOLTEN AL	UMINIUM (G)
	MIN	MAX
D1	100	< 200
D2	200	< 350
D3	350	

E. Molten iron splashes

Garments that claim to offer protection against molten iron splashes shall meet at least performance level E1 in the following table:

PERFORMANCE LEVEL	MOLTEN	IRON (G)
	MIN	MAX
E1	60	< 120
E2	120	< 200
E3	200	

F. Contact heat

When tested at a temperature of 250° C, garments that are claimed to offer protection against contact heat shall meet at least performance level F1 in the following table:

PERFORMANCE LEVEL	THRESHO	LD TIME (s)
	MIN	MAX
F1	5.0	< 10.0
F2	10.0	< 15.0
F3	15.0	



EN ISO 14116

Protective clothing complying with this standard are intended to protect workers against occasional and brief contact with minor ignition flames in conditions where there are no significant heat-related hazards and without the presence of another source of heat.

Classification is set on the determination of a limited flame spread index (1-3 where 3 is the highest level).



EN 342

It is the European standard for cold protective clothing (temperatures below -5° C). The requirements are set on two main criteria: thermal insulation and air permeability. Water penetration resistance and water vapour resistance $R_{\rm st}$ are not expressly required, but are optional.

- A thermal insulation (I_{cler} ≥0.265 m²k/w);
 B air permeability class (1 3, where 3 is the highest level);
- C water penetration resistance optional (≥8000 Pa)
- D water vapour resistance optional (R_., <55 m² Pa/w)



EN 343

It is the European standard for water resistant garments. The garments certified in compliance with this standard assure protection against rain, snow, fog and humidity.

The clothing and seams are tested for their:

- A water penetration resistance class (1 3, where 3 is the highest level);
- B water vapour resistance class (1 3, where 3 is the highest level).



EN 61482

This standard refers to materials and garments that provide protection against an arc flash and related thermal effects. The test carried out is also known as the "box test"

There are two test method types:

- "box test" on the material, which is used to evaluate the response of the fabric during exposure to the arc in a flat configuration;
- "box test" on the garment, which requires only a visual assessment of the garment's performance.

The "box test" defines two classes, namely Class 1 and Class 2:

CLASS	ARC FLASH DURATION	TEST CURRENT
1 HRC	500 ms	4 kA
2 HRC	500 ms	7 kA



THIS RANGE IS SUITABLE FOR PROTECTING THE OPERATOR FROM ACCIDENTAL CONTACT WITH MINOR FLAMES, MOLTEN METAL SPLASHES, LOW VALUES OF CONVECTIVE AND RADIANT HEAT, AND ACCIDENTAL ELECTRIC CONTACT OF SHORT DURATION UP TO 100 V. IT FEATURES REMARKABLE MULTI-PROTECTIVE PROPERTIES AND IS ABLE TO GUARANTEE A HIGH LEVEL OF COMFORT WHILE MAINTAINING SOFTNESS, LIGHTNESS AND BREATHABILITY.



FABRIC WITH **TREATMENT**

RECOMMENDED

- METALWORKING
- METALLURGIC **INDUSTRY**
- FOUNDRIES
- PLASTIC MATERIALS
- GAS, WATER AND ELECTRICITY **MANAGEMENT COMPANIES**
- FIREFIGHTING TEAMS



FOR

- **INDUSTRY**

- **PROCESSING**



FLAME RETARDANT JACKET

EN ISO 11611 A1 CLASS 1 EN ISO 11612 EN ISO 11612 A1 B1 C1 E2 F1



MATERIAL: Fabric with flame retardant treatment, 100% cotton, 315 g/m²

COLOUR: green **SIZES:** 44-62

- · Chinese collar fastened with Velcro
- · Concealed front zipper closure with metal snap buttons
- · Side pockets and chest pocket with flap and snap buttons
- Elasticated cuffs
- · THE JACKET MUST BE WORN IN COMBINATION WITH THE BIB-TROUSERS OR TROUSERS

MC5414Q4 COLOUR: blue MC5414L7 COLOUR: red

MC5414H5 COLOUR: orange

EN ISO 11611 MC5411R8

FLAME RETARDANT TROUSERS

EN ISO 11611 A1 CLASS 1 EN ISO 11612 EN ISO 11612 A1 B1 C1 E2 F1



MATERIAL: Fabric with flame retardant treatment, 100% cotton, 315 g/m²

COLOUR: green **SIZES:** 40-62

- · Metal zipper fly and button
- · Side welt pockets
- · Back pocket with flap and snap button
- · THE TROUSERS MUST BE WORN IN COMBINATION WITH THE JACKET

MC5411H5 COLOUR: orange MC5411Q4 MC5411L7

COLOUR: blue COLOUR: red

EN ISO 11611 MC5410R8



EN ISO 11611 A1 CLASS 1 EN ISO 11612 EN ISO 11612 A1 B1 C1 E2 F1



MATERIAL: Fabric with flame retardant treatment, 100% cotton, 315 g/m²

SIZES: one size fits all

- · Lining: flame retardant fabric
- · Shoulder-length

COLOUR: green

- · Aluminised kevlar inserts to protect the ear area
- · Front opening adjustable with Velcro
- · Rear elastic

FLAME RETARDANT



EN ISO 11611 A1 CLASS 1

EN ISO 11612 EN ISO 11612 A1 B1 C1 E2 F1

MATERIAL: Fabric with flame retardant treatment, 100% cotton, 315 g/m²

COLOUR: green **SIZES:** 44-62

- · Concealed metal zipper closure fastened with
- $\cdot \ \, \text{Elasticated cuffs}$
- Side pockets and chest pocket with flap and Velcro
- · Elastic waistband
- · Ankle zipper closures

MC5417H5 COLOUR: orange MC5417Q4 COLOUR: blue MC5417L7 COLOUR: red

FB1625 FIRE SHIELD VISOR EN 166 BT 3 4 , VISOR EN 166

COLOUR: clear lens 2C-1,2 1 B SIZES: one size fits all

- Face goggles in heat and flame resistant material
 Double lens: scratch resistant polycarbonate outside and acetate with anti-fog treatment inside
- · Openable and adjustable elastic in flame retardant material
- · Visor in polycarbonate, adjustable up to four positions and with ventilation holes











RECOMMENDED FOR

- PETROCHEMICAL INDUSTRY
- OIL & GAS INDUSTRIES
- OFFSHORE
- MINING INDUSTRY

THE **CARBOFLAME SERIES**, FLAME RETARDANT AND ANTISTATIC, PROTECTS THE OPERATOR FROM ACCIDENTAL CONTACT WITH MINOR FLAMES, MOLTEN METAL SPLASHES AND ACCIDENTAL ELECTRIC CONTACT OF SHORT DURATION.

THE **LIGHT CARBOFLAME** COVERALL, DESIGNED FOR HOT ENVIRONMENTS, IS SUITABLE FOR WELDING OPERATIONS AND GUARANTEES A HIGH LEVEL OF PROTECTION WHILE MAINTING LIGHTNESS AND BREATHABILITY OF THE FABRIC.

HEAVY CARBOFLAME, THANKS TO ITS 150 G/M² PADDING, IS IDEAL FOR PROTECTION IN ENVIRONMENTS EXPOSED TO EXTREMELY COLD TEMPERATURES, IS FLAME RETARDANT AND ANTISTATIC AND SUITABLE FOR PROTECTION AGAINST ACCIDENTAL CONTACT WITH MINOR FLAMES, MOLTEN METAL SPLASHES, LOW VALUES OF CONVECTIVE AND RADIANT HEAT AND FROM ACCIDENTAL SHORT-TERM ELECTRICAL CONTACT.











MC6214Q4 FLAMESTAT POLO SHIRT EN ISO 11612 A1 B1 C1 EN 1149-5

MATERIAL: Piquet fabric 54% modacrylic, 43% cotton and 3% conductive fibre, 215 g/m²

COLOUR: blue SIZES: XS-4XL

- · Flame retardant and antistatic properties
- Collar with concealed snap buttonsElastic knitted cuffs





MC6212Q4 FLAMESTAT SWEATSHIRT EN ISO 11612 A1 B1 C1 EN 1149-5

MATERIAL: 53% modacrylic, 44% cotton and 3% conductive fibre, 370 g/m²

COLOUR: blue SIZES: XS-4XL

- Flame retardant and antistatic properties
 Knitted turtleneck collar with concealed metal zipper closure

 • Elastic knitted cuffs and waistband









MC5627H5

LIGHT CARBOFLAME COVERALL

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E1 EN 1149-5

MATERIAL: 99% cotton, 1% carbon fibre, 230 g/m² COLOUR: orange

SIZES: XS-3XL

- · Shirt collar
- · Two-way concealed central zipper closure with flap and Velcro
- · Chest zipper pockets with flap and Velcro
- · Loop for gas detector
- · Pocket on left sleeve with flap and Velcro
- · Exterior-to-interior access on the sides
- · Front slanted pockets with flap and Velcro
- · Side elastic waistband
- · Two back pockets with flap and Velcro
- · Knee pad pockets
- · Ruler pocket with flap and Velcro
- · Reflective bands on shoulders, legs and sleeves
- · Triple stitching

MC5627Q4 colour: blue MC5627L5 COLOUR: red

CARBON FIBRE













MC5637H5

CARBOFLAME COVERALL

EN ISO 11612 A1 B1 C1 E1 F1 EN 1149-5 IEC EN 61482-1-2 CLASS 1

MATERIAL: 87% cotton, 12% nylon and 1% carbon fibre, 255 g/m²

COLOUR: orange SIZES: XS-3XL

- · Shirt collar
- · Two-way concealed central zipper closure with flap and Velcro
- · Chest zipper pockets with flap and Velcro
- · Loop for gas detector
- · Pocket on left sleeve with flap and Velcro
- · Front slanted pockets with flap and Velcro
- · Exterior-to-interior access on the sides
- · Two back pockets with flap and Velcro
- · Side elastic waistband
- · Knee pad pockets
- · Ruler pocket with flap and Velcro
- · Reflective bands on shoulders, legs and sleeves
- · Triple stitching

MC5637Q4 COLOUR: blue MC5637L5 COLOUR: red







HEAVY CARBOFLAME















HEAVY CARBOFLAME JACKET

EN ISO 11612 A1 B1 C1 E1 F1 EN 1149-5 EN 342 IEC EN 61482-1-2 CLASS 1

MATERIAL: 87% cotton, 12% Nylon and 1% carbon fibre, 255 g/m²; padding 100% aramid, 150 g/m²; lining 50% Lenzing®, 50% aramid, 130 g/m²

COLOUR: orange SIZES: XS-3XL

- · Concealed central metal zipper closure with flap and Velcro
- Detachable padded hood with metal zipper
- · Elastic cuffs
- · Two chest pockets and two lower wide pockets with flap and Velcro
- · Waistband with adjustable drawstring
- · Reflective band on hood, waist and sleeves
- THE JACKET MUST BE WORN IN COMBINATION WITH THE BIB-TROUSERS

MC5614Q4 COLOUR: blue MC5614L5 COLOUR: red











HEAVY CARBOFLAME BIB-TROUSERS

EN ISO 11612 A1 B1 C1 E1 F1 EN 1149-5 EN 342 IEC EN 61482-1-2 CLASS 1

MATERIAL: 87% cotton, 12% Nylon and 1% carbon fibre, 255 g/m²; padding 100% aramid, 150 g/m²; lining 50% Lenzing®, 50% aramid, 130 g/m²

COLOUR: orange SIZES: XS-3XL

- · Elastic shoulder straps with adjustable buckles
- · Concealed central metal zipper closure with flap and Velcro
- · Side welt pockets with flap and Velcro
- · Side elastic waistband
- · Concealed adjustment metal zipper with flap and Velcro on the bottom of the leg
- · Reflective band
- · THE BIB-TROUSERS MUST BE WORN IN COMBINATION WITH THE JACKET

MC5613Q4 COLOUR: blue MC5613L5 COLOUR: red













MC5610Q4 CARBOFLAME UNDERSHIRT EN ISO 11612 A1 A2 B1 C1 F1 EN 1149-5 CEI EN 61482-1-1 CEI EN 61482-1-2 CLASS 1

 $\textbf{MATERIAL:}\ 63\%$ FR Modal, 34% aramid, 2% spandex and 1% antistatic fibre, $200\ g/m^2$ COLOUR: blue

EN 61482

SIZES: S-3XL



- · Undershirt in technical stretch fabric with flame retardant and antistatic protection, also protecting from the heat developed by the arc flash
- · Turtleneck
- · Chain stitching in red colour



ENISO 11612 MC5620Q4 CARBOFLAME UNDERPANTS EN ISO 11612 A1 A2 B1 C1 F1 EN 1149-5 CEI EN 61482-1-1 CEI EN 61482-1-2 CLASS 1

EN 1149 <u>4</u>

MATERIAL: 63% FR Modal, 34% aramid, 2% spandex and 1% antistatic fibre, 200 g/m²





- · Underpants in technical stretch fabric with flame retardant and antistatic protection, also protecting from the heat developed by the arc flash
- · Ergonomic fit
- · Chain stitching in red colour





MC2433Q0 FIREFIGHTER BALACLAVA EN 13911 EN 1149-5

MATERIAL: 56% M-Aramid Nomex®, 31% viscose FR, 6% polyamide, 3% P-Aramid Kevlar®, 2% carbon fibre P-140, 2% elastane

COLOUR: blue

SIZES: one size fits all

- · Recommended for firefighters in situations of thermal risk, contact heat and radiant
- · Highly breathable and lightweight



EN 1149

4

EN 342

MC5617H5

HEAVY CARBOFLAME COVERALL EN ISO 11612 A1 B1 C1 E1 F1 EN 1149-5 EN 342 IEC EN 61482-1-2 CLASS 1

MATERIAL: 87% cotton, 12% Nylon and 1% carbon fibre, 255 g/m²; padding 100% aramid, 150 g/m²; lining 50% Lenzing®, 50% aramid, 130 g/m²

COLOUR: orange SIZES: XS-3XL

(**) EN 61482 Θ

- · Concealed central zipper closure with flap and Velcro
- · Chest zipper pockets with flap and Velcro
- · Ruler pocket with flap and Velcro
- · Detachable padded hood with metal zipper
- · Side elastic waistband
- · Loop for gas detector
- · Reflective bands on hood, shoulders, legs and sleeves

MC5617Q4 COLOUR: blue MC5617L5 COLOUR: red









01





02











POLYESTER

ANTISTATIC FIBRE







MODEL WITH KNEE PAD POCKET AVAILABLE UPON REQUEST

MC5741Q5
Polytech trousers with knee pad pocket

MC5751Q5 Polytech trousers 360 with knee pad















MC5715Q5 PADDED POLYTECH JACKET

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 CEI EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester and 1% antistatic fibre, 280 g/m²; padding 100% aramid fibre, 150 g/m², lining 50% Lenzing®, 50% aramid fibre, 130 g/m²

COLOUR: blue SIZES: S-3XL

- · Concealed central zipper closure with internal and external flap with Velcro
- · Lower pockets with Velcro
- · Cuffs with internal 3 cm elastic
- · Flasticated hottom











01 MC5714Q5

POLYTECH JACKET

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester and 1% antistatic fibre, 280 g/m^2

COLOUR: blue **SIZES:** 40-64

- · THE JACKET MUST BE WORN IN COMBINATION WITH THE BIB-TROUSERS OR TROUSERS
- · Chinese collar with Velcro
- · Concealed front zipper closure with metal snap buttons
- · Two lower pockets and two chest pockets with flap and Velcro
- · Elasticated cuffs
- · Military style epaulettes on shoulders
- · Reflective piping on chest

02 MC572405

POLYTECH 360 JACKET

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

SIZES: 44-62

In winter fabric 355 g/m²

No picture:

MC576105

PADDED POLYTECH TROUSERS

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 CEI EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester and 1% antistatic fibre, 280 g/m²; padding 100% aramid fibre, 150 g/m²; lining 50% Lenzing®, 50% aramid fibre, 130 g/m²

COLOUR: blue **SIZES: 40-64**

· Knee pad pocket













03 MC5711Q5

POLYTECH TROUSERS

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester and 1% antistatic fibre, 280 g/m²

COLOUR: blue **SIZES: 42-64**

- THE TROUSERS MUST BE WORN IN COMBINATION WITH THE JACKET
- · Fly with zipper and button
- · Two front welt pockets
- · Back pocket with flap and Velcro
- · Two three-dimensional functional pockets with flap and Velcro

04 MC5721Q5

POLYTECH 360 TROUSERS

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

SIZES: 44-62

· In winter fabric 355 g/m²













POLYTECH COVERALL

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester and 1% antistatic fibre, 280 g/m²

COLOUR: blue **SIZES: 44-62**

- · Shirt collar
- · Military style epaulettes on shoulders
- · Two-way concealed central zipper closure with snap buttons
- · Two chest pockets with flap and Velcro
- · Two front pockets with flap and Velcro
- · Elasticated cuffs
- · Elastic waistband
- · Reflective piping on chest

No picture:

MC571305

POLYTECH BIB-TROUSERS

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester and 1% antistatic fibre, 280 g/m²

COLOUR: blue **SIZES:** 40-64

- · THE BIB-TROUSERS MUST BE WORN IN COMBINATION WITH THE JACKET
- · Fly with metal zipper
- · Two front pockets with flap and Velcro
- · Back elasticated waistband
- · Back pocket with flap and Velcro · Elastic shoulder straps with quick-fastening buckles

145



ANTISTATIC FIBRE













MC5737 POLYTECH COLOR COVERALL

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

 $\textbf{MATERIAL:}\ 75\%$ cotton, 24% polyester and 1% antistatic fibre, 280 g/m²

COLOUR: various colours

SIZES: 44-62

- · Military style epaulettes on shoulders
- Two-way concealed central zipper closure with snap buttons
- Two chest pockets with flap and Velcro
 Two front pockets with flap and Velcro
- · Elasticated cuffs
- · Elastic waistband
- · Reflective piping on chest



















MC5731PH POLYTECH COLOR TROUSERS EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

EN 1149

EN 61482

 Θ

EN 13034

 $\textbf{MATERIAL:}\ 75\%$ cotton, 24% polyester and 1% antistatic fibre, 280 g/m²

COLOUR: various colours

EN ISO 11611 EN ISO 11612

SIZES: 44-62

- · Fly with zipper and button
- · Two front welt pockets
- · Back pocket with flap and Velcro
- · Two three-dimensional functional pockets with flap and Velcro

MC5734PH POLYTECH COLOR JACKET EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E3 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-2 CLASS 1

 $\textbf{MATERIAL:}\ 75\%$ cotton, 24% polyester and 1% antistatic fibre, 280 g/m²

COLOUR: various colours **SIZES:** 44-62

- · Chinese collar with Velcro
- · Concealed front zipper closure with metal snap buttons
- · Two chest pockets and two lower pockets with flap and Velcro
- · Elasticated cuffs
- · Military style epaulettes on shoulders
- · Reflective piping on chest

AVAILABLE COLOURS





H5 ORANGE

S6 BOTTLE GREEN



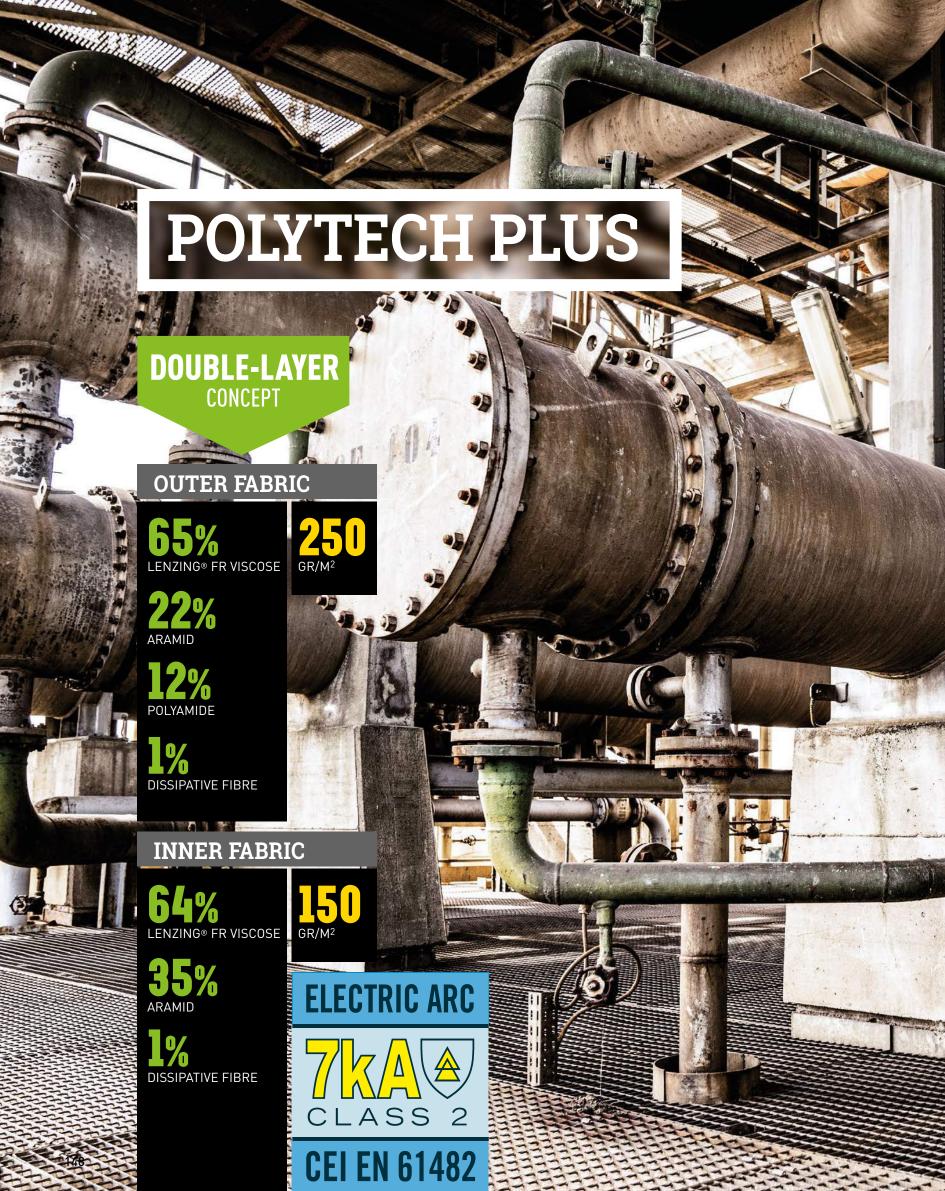


P8 ROYAL BLUE

L5 RED



Q5 BLUE **B4** MOUSEY GREY





POLYTECH PLUS



















MC5814PR POLYTECH PLUS JACKET

EN ISO 11611 A1 A2 CLASS 1 EN ISO 11612 A1 A2 B1 C1 D1 E1 F1 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-1 IEC EN 61482-1-2 CLASS 2

MATERIAL: Laminated multi-protection fabrics: outer fabric 65% Lenzing® FR viscose, 22% aramid, 12% polyamide, 1% dissipative fibre, 250 g/m²; lining 64% Lenzing® FR viscose, 35% aramid, 1% dissipative fibre, 150 g/m²

COLOUR: royal blue/blue

- · Concealed zipper closure with flap and Velcro
- · Two chest pockets with flap and Velcro, one of which is featuring a mobile phone pocket and a pen holder
- · Two pockets with flap
- · Reflective bands on the shoulders

OZ MC5814EG COLOUR: high visibility yellow/blue

03 MC5814CC COLOUR: grey/black **MC5814LE** colour: red/grey

O5 MC5814PQ COLOUR: royal blue/high visibility yellow











MC5811PR POLYTECH PLUS TROUSERS

EN ISO 11611 A1 A2 CLASS 1 EN ISO 11612 A1 A2 B1 C1 D1 E1 F1 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-1 IEC EN 61482-1-2 CLASS 2

MATERIAL: Laminated multi-protection fabrics: outer fabric 65% Lenzing® FR viscose, 22% aramid, 12% polyamide, 1% dissipative fibre, 250 g/m²; lining 64% Lenzing® FR viscose, 35% aramid, 1% dissipative fibre, 150 g/m²

COLOUR: royal blue/blue

SIZES: 44-62

- · Fly with zipper and button
- · Two welt pockets
- · Two back pockets with flap and Velcro
- · Two utility pockets with flap and Velcro, one of which featuring a mobile phone holder
- · Preformed wear-and-tear reinforcement on the knees
- · Reflective bands

OT MC5811EG COLOUR: high visibility yellow/blue **OD** MC5811LE COLOUR: red/grey

OB MC5811CC COLOUR: grey/black

10 MC5811PQ colour: royal blue/

high visibility yellow















EN 61482







EN ISO 11611 EN ISO 11612

11 MC5813PR POLYTECH PLUS BIB-TROUSERS

EN ISO 11611 A1 A2 CLASS 1 EN ISO 11612 A1 A2 B1 C1 D1 E1 F1 EN 1149-5 EN 13034 TYPE 6 IEC EN 61482-1-1 IEC EN 61482-1-2 CLASS 2

MATERIAL: Laminated multi-protection fabrics: outer fabric 65% Lenzing® FR viscose, 22% aramid, 12% polyamide, 1% dissipative fibre, 250 g/m²; lining 64% Lenzing® FR viscose, 35% aramid, 1% dissipative fibre, 150 g/m²

COLOUR: blue/royal blue

SIZES: 44-62

- Fly with zipper
 Double pocket and pen holder with flap and Velcro on the bib
- · Two welt pockets
- · Back pocket with flap and Velcro
- · Ruler pocket
- · Utility pocket with flap and Velcro
- · Preformed wear-and-tear reinforcement on the knees
- · Reflective bands

12 MC5813EG COLOUR: high visibility yellow/blue

No picture:

MC5824HG

POLYTECH PLUS JACKET

MC5821HG

POLYTECH PLUS TROUSERS

MC5823HG

POLYTECH PLUS BIB-TROUSERS

MATERIAL: outer fabric 43% Lenzing® FR viscose, 31% polyester FR, 21% meta-aramid, 4% para-aramid, 1% dissipative fibre, 290 g/m²; lining 64% Lenzing® FR viscose, 35% aramid, 1% dissipative fibre, 150 g/m²

COLOUR: high visibility orange/blue

SIZES: 44-62





















EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E1 **EN 1149-5 EN 13034** TYPE 6 **EN ISO 20471** CLASS 2 **CEI EN 61482-1-2** CLASS 1

MATERIAL: Outer fabric 75% cotton, 24% polyester, 1% antistatic fibre, weight 280 g/m²; padding 100% aramid, weight 150 g/m²; lining 50% Lenzing®, 50% aramid, weight 130 g/m²

COLOUR: high visibility yellow/blue

SIZES: S-3XL

- · Concealed central zipper closure with inner flap fastened with Velcro
- · 3 cm elasticated cuffs
- · Elasticated bottom
- · Double reflective band on sleeves and chest and single band on shoulders
- · Inner pocket



EN ISO 11611

SUPERTECH WAISTCOAT **EN ISO 11611 A1** CLASS 1 EN ISO 11612 A1 B1 C1 E1 EN 1149-5

EN ISO 20471 CLASS 2

EN ISO 11612

EN 1149

4

MATERIAL: 75% cotton, 24% polyester, 1% antistatic fibre, 280 g/m²





EN ISO 20471 · Concealed central zipper closure with Velcro



Double reflective band on chest

EN ISO 11611 EN ISO 11612



















SUPERTECH JACKET EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E1 EN 1149-5 EN 13034 TYPE 6 EN ISO 20471 CLASS 3 IEC EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester, 1% antistatic fibre, 280 g/m²

COLOUR: high visibility yellow/blue

SIZES: 42-62

- · THE JACKET MUST BE WORN IN COMBINATION WITH THE TROUSERS
- · Chinese collar with Velcro
- · Concealed front zipper closure with metal snap buttons
- · Two chest pockets with flap and Velcro
- · Elastic cuffs
- · Inner wallet pocket
- · Double reflective band on sleeves and waist
- · Reflective piping on chest



















SUPERTECH TROUSERS

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E1 EN 1149-5 EN 13034 TYPE 6 EN ISO 20471 CLASS 3 IEC EN 61482-1-2 CLASS 1

MATERIAL: 75% cotton, 24% polyester, 1% antistatic fibre, 280 g/m²

COLOUR: high visibility yellow/blue

SIZES: 42-62

- THE TROUSERS MUST BE WORN IN COMBINATION WITH THE JACKET
- · Fly with zipper and button
- · Side welt pockets
- · Back pocket with flap and Velcro
- · Two three-dimensional functional pockets with flap and Velcro
- · Double reflective band



MC5921ED

Supertech trousers with knee pad pockets

No picture:

MC5931ED

PADDED SUPERTECH TROUSERS

- Padding 150 gr/m²
- · Knee pad pockets

MULTINORM KNITWEAR





EN ISO 11612 MC5729N7

POLYTECH SHIRT

EN ISO 11612 A1 C1 EN 1149-5 EN 13034 TYPE PB6



EN 13034

MATERIAL: 99% cotton and 1% dissipative fibre, 180 g/m² COLOUR: light blue

SIZES: 37-48

- · Flame retardant, anti-acid and antistatic properties
- · Concealed closure with snap buttons
- Two chest pockets with flap and concealed snap buttons
 Cuffs with snap buttons and Velcro fastening

MC5729Q7 COLOUR: navy blue SIZES: 37-48





MARILENE T-SHIRT

EN ISO 14116 EN 1149-5 EN ISO 20471 CLASS 2



MATERIAL: 100% FR antistatic polyester, 180 g/m² COLOUR: high visibility yellow/navy blue

SIZES: S-3XL



- · Round neck model
- · Short sleeves
- · Double reflective band on chest and single band on shoulders
- · T-shirt bottom in contrasting colour





EN ISO 14116 MC6224Q7 **GINKO POLO SHIRT**

EN ISO 14116 EN 1149-5

MATERIAL: 100% FR antistatic polyester, 180 g/m²

COLOUR: navy blue

· Long sleeved polo shirt with single reflective band on chest and sleeves



EN 150 14116 MC6223EG

GOMEZ POLO SHIRT EN ISO 14116 EN 1149-5 EN ISO 20471 CLASS 2



MATERIAL: 100% FR antistatic polyester, 180 g/m² COLOUR: high visibility yellow/navy blue

SIZES: S-3XL



- · Long sleeved model
- · Double reflective band on chest and sleeves and single band on shoulders
- · Collar, cuffs and bottom in contrasting colour







MC6215ED

SUPERTECH POLO SHIRT

EN 1149-5 EN ISO 20471 CLASS 2

COLOUR: high visibility yellow/blue

SIZES: S-3XL

- · Shirt collar
- · Concealed buttons closure
- · Blue knitted cuffs and collar
- · Double reflective band on chest and sleeves
- · Antistatic











MC6220EC

PIREX SWEATSHIRT

EN ISO 11612 EN 1149-5 EN ISO 20471 CLASS 2 **CEI EN 61482-1-2** CLASS 1

MATERIAL: 53% modacrylic, 44% cotton and 3% conductive fibre, 360 g/m²

COLOUR: high visibility yellow/blue

SIZES: S-3XL

- Concealed zipper closure
- · Internal and external flap
- · Double reflective band on sleeves and chest













MC6221EC

SIDNEY FLEECE

EN ISO 11612 A1 B1 C1 EN 1149-5 EN ISO 20471 CLASS 2 **CEI EN 61482-1-2** CLASS 1

MATERIAL: 50% modacrylic, 30% cotton and 18% polyester, 2% conductive fibre, 350 g/m²

COLOUR: high visibility yellow/blue

SIZES: S-3XL

- · Central zipper closure
- · Internal and external flap
- · Collar, bottom and forearm in contrasting dirt-resistant fabric
- · 3 cm elasticated cuffs
- · Double reflective band on sleeves and chest

















MC6219EC

SULTAN POLO SHIRT

EN ISO 11612 A1 B1 C1 EN 1149-5 EN ISO 20471 CLASS 2 **CEI EN 61482-1-2** CLASS 1

MATERIAL: 60% modacrylic, 38% cotton and 2% conductive fibre, 210 g/m^2

COLOUR: high visibility yellow/blue

SIZES: S-3XL

- · Collar with concealed buttons closure
- · Ribbed knit fabric cuffs and collar
- · Side slits
- · Double reflective band on sleeves and chest











CARLOS POLO SHIRT

EN ISO 11612 A1 B1 C1 EN 1149-5 CEI EN 61482-1-2 CLASS 1

 $\textbf{MATERIAL:} \ 60\% \ \ \text{modacrylic,} \ 38\% \ \ \text{cotton and} \ \ 2\% \ \ \text{conductive}$

fibre, 210 g/m² COLOUR: blue SIZES: S-3XI

- · Collar with concealed buttons closure
- · Ribbed knit fabric cuffs and collar
- · Side slits
- · High visibility fabric inserts on the bottom of the sleeves
- · Reflective band on sleeves and chest









MC6213Q4

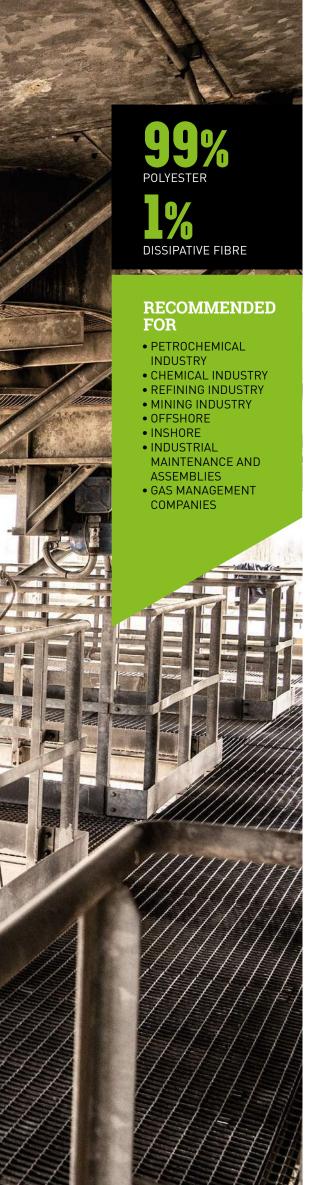
FLAMESTAT FLEECE EN ISO 11612 A1 B1 C1 EN 1149-5 **CEI EN 61482-1-2** CLASS 1

MATERIAL: 45% modacrylic, 35% cotton, 16% polyester and 4% dissipative fibre, 250 g/m²

COLOUR: blue SIZES: S-3XL

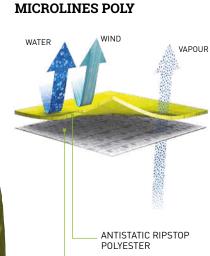
- · Flame retardant and antistatic properties
- · Turtleneck zippered collar











KROMOTEX POLYESTER

MICROLINES POLY JACKET

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E1 F1 EN 1149-5 EN 13034 TYPE PB6 EN ISO 20471 CLASS 3 EN 343 IEC EN 61482-1-2 CLASS 1

MATERIAL: Outer fabric consisting of 99% polyester and 1% dissipative fibre; 100% cotton inner lining, padding with flame retardant treatment attached to the outer layer through a zip

COLOUR: high visibility yellow/blue

SIZES: S-4XL

- · Multinorm, breathable and waterproof, with antistatic, flame retardant, anti-acid and high visibility properties
- · Two-way concealed zipper closure with double flap
- · Foldaway lined hood
- · Drawstring waistband
- · ID Badge holder on chest
- · Radio holder and two three-dimensional water resistant pockets
- · Cuffs adjustable with Velcro
- Pen holder pocketDetachable inner part
- · Two pockets in the lining

EN 13034 EN ISO 20471 EN 343 EN 61482



MICROLINES POLY TROUSERS

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E1 F1 EN 1149-5 EN 13034 TYPE PB6 EN ISO 20471 CLASS 3 EN 343 IEC EN 61482-1-2 CLASS 1

MATERIAL: Outer fabric consisting of 99% polyester and 1% dissipative fibre, lining 100% cotton

COLOUR: high visibility yellow/blue

SIZES: S-4XL

- \cdot Antistatic, flame retardant, anti-acid and high visibility properties
- · Side welt pockets
- Fly with button and zipperElastic waistband on sides
- · Back pocket with flap and Velcro

MULTINORM WEATHER RESISTANT CLOTHING













MC6034ED

MICROLINES SPLIT JACKET EN ISO 14116 EN 1149-5 EN 13034 TYPE PB6 EN ISO 20471 CLASS 3 EN 343

MATERIAL: 98% PU coated polyester, 2% dissipative fibre, lining 100% FR cotton, padding 100% polyester

COLOUR: high visibility yellow/blue

SIZES: S-4XL

- · Two lower pockets with flap
- · Mobile phone pocket on chest and two inner pockets
- · Foldaway hood
- · Elastic cuffs
- · Drawstring waistband
- · Two-way concealed zipper closure with flap
- · Detachable lining















MICROLINES JACKET EN ISO 14116 EN 1149-5 EN 13034 TYPE PB6 EN ISO 20471 CLASS 3 EN 343

MATERIAL: 98% PU coated polyester, 2% dissipative fibre, lining 100% cotton FR, padding 100% polyester

COLOUR: high visibility yellow/blue

SIZES: S-4XL

- · Two-way concealed zipper closure with flap and snap buttons
- · Foldaway hood
- · Inner pocket closed with Velcro
- · Two outer muff pockets
- · Two waterproof pockets with flap and Velcro
- · Elastic cuffs, adjustable with Velcro
- · Drawstring waistband
- · Double reflective band on chest and sleeves











MICROLINES BODYWARMER EN ISO 14116 EN 1149-5 EN13034 TYPE PB6

EN ISO 20471 CLASS 2 EN 343

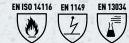
MATERIAL: 98% PU coated polyester, 2% dissipative fibre, padding 100% polyester COLOUR: high visibility yellow/blue

SIZES: S-4XL

- · Two-way concealed central zipper closure with internal and external flap
- · Two three-dimensional lower pockets and muff pockets
- · Elastic waistband on sides
- · Longer rear part













MC601405

MICROLINES JACKET EN ISO 14116 EN 1149-5 EN 13034 TYPE PB6 EN 343

MATERIAL: 98% PU coated polyester, 2% dissipative fibre, lining 100% FR cotton, padding 100% polyester

COLOUR: blue SIZES: S-4XL

- · Two-way concealed zipper closure with flap and snap buttons
- Foldaway hood
- · Inner wallet pocket fastened with Velcro
- Two outer muff pockets
- · Two waterproof pockets with flap and Velcro
- · Elastic cuffs adjustable with Velcro
- · Drawstring waistband











MICROLINES JACKET

EN ISO 14116 EN 1149-5 EN 13034 TYPE PB6 EN 343

MATERIAL: 98% PU coated polyester, 2% dissipative fibre, lining 100% cotton FR, padding 100% polyester

COLOUR: blue SIZES: XS-3XL

- · Two-way concealed zipper closure with flap and snap buttons
- · Foldaway hood
- · Detachable sleeves
- · Inner wallet pocket fastened with Velcro
- · Two waterproof pockets with flap and Velcro
- · Elastic cuffs adjustable with Velcro











MICROLINES TROUSERS

EN ISO 14116 EN 1149-5 EN 13034 TYPE PB6 EN 343

MATERIAL: 98% PU coated polyester, 2% dissipative fibre, lining 100% FR cotton, padding 100% polyester

COLOUR: blue SIZES: S-2XL

- \cdot Fly with concealed zipper closure and flap
- · Elastic waistband
- · Two side zippered pockets
- · Back pocket



6

MC6024H1

MICROLINES JACKET

EN ISO 14116 EN 1149-5 EN 13034 TYPE PB6 EN ISO 20471 CLASS 3 EN 343



MATERIAL: 98% polyester coated PU, 2% dissipative fibre, lining 100% cotton FR, padding 100% polyester

COLOUR: high visibility orange













- · Two-way concealed central zipper closure with flap and snap buttons
- · Inner wallet pocket fastened with Velcro
- · Two outer muff pockets
- · Two waterproof pockets with flap and Velcro
- · Elastic cuffs adjustable with Velcro
- · Drawstring waistband
- · Double reflective band on chest and sleeves

MC6024E1 COLOUR: high visibility yellow









METAL SPLASH JACKET

EN ISO 11611 A1 CLASS 2

EN ISO 11612 A1 B1 C1 D3 E3 F1 EN 1149-5

MATERIAL: 54% Lenzing® FR, 20% wool, 20% polyamide, 5% aramid, 1% antistatic fibre, 330 g/m²

COLOUR: grey

SIZES: 44-62

- · Concealed central zipper closure with flap
- · Chinese collar with flap and Velcro
- $\cdot \ \text{Elastic inner cuffs}$
- · Four external pockets with flap and Velcro

MC6114B0 METAL SPLASH JACKET

EN ISO 11611 A1 CLASS 1 EN ISO 11612 A1 B1 C1 E2 F1 EN 1149-5

MATERIAL: 54% Lenzing® FR, 20% wool, 20% polyamide, 5% aramid, 1% antistatic fibre, 330 g/m².

Flame Retardant breathable rear fabric

COLOUR: grey/red **SIZES:** 44-62







METAL SPLASH TROUSERS

EN ISO 11611 A1 CLASS 2

EN ISO 11612 A1 B1 C1 D3 E3 F1 EN 1149-5

MATERIAL: 54% Lenzing® FR, 20% wool, 20% polyamide, 5% aramid, 1% antistatic fibre, 330 g/m²

COLOUR: grey **SIZES: 44-62**

- · Zipper closure and concealed button
- · Two side pockets
- · Back pocket with flap and Velcro



RECOMMENDED **FOR**

- ALUMINIUM **INDUSTRY**
- FOUNDRIES
- CONCRETE **INDUSTRY**









MA1125 SOLOMON GLOVE EN 388 EN 407

MATERIAL: Heavy calfskin split leather with Kevlar stitching

COLOUR: yellow **SIZES:** 10

- · Back: heavy cotton cloth
- · Cuff: 16 cm stiff cotton cloth with wrist protection
- Dexterity: 3









METAL SPLASH CAPE

EN ISO 11611 A1 CLASS 2

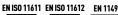
EN ISO 11612 A1 B1 C1 D3 E3 F1 **EN 1149-5**

MATERIAL: 54% Lenzing® FR, 20% wool, 20% polyamide, 5% aramid, 1% antistatic fibre, 330 g/m²

COLOUR: grey SIZES: 2XS-3XL

- Ankle length
- Rear Velcro closure
- Chinese collar in blue Flame Retardant
- Inner elasticated cuffs











MC6110B0

METAL SPLASH SHOE **COVERS**

EN ISO 11611 A1 CLASS 2 EN ISO 11612 A1 B1 C1 D3 E3 F1 EN 1149-5

MATERIAL: 54% Lenzing® FR, 20% wool, 20% polyamide, 5% aramid, 1% antistatic fibre, 330 g/m²

COLOUR: grey SIZES: one size fits all

· Height 38 cm, elastic around calf



EN ISO 11611 EN ISO 11612 EN 1149







MC6120B0

METAL SPLASH SLEEVES EN ISO 11611 A1 CLASS 2

EN ISO 11612 A1 B1 C1 D3 E3 F1 **EN 1149-5**

MATERIAL: 54% Lenzing® FR, 20% wool, 20% polyamide, 5% aramid, 1% antistatic fibre, 330 g/m^2

COLOUR: arev SIZES: one size fits all

- · Length 40 cm
- · Total coverage of the forearm
- · Elastic on both sides



RECOMMENDED **FOR**

- FIREFIGHTERS
- FIRE PREVENTION **TEAMS**
- FORESTRY **DEPARTMENTS**



MB2415

FIREFIGHTER BOOTS

EN 15090 F2A HI3 P CI SRA, **EN 20345** S5 HI CI HRO SRA

COLOUR: black/yellow **SIZES:** 39-47

- · UPPER: vulcanised heat resistant rubber with handles, reinforcement on ankles' and heels' area
- · LINING: heavy duty canvas cotton
- · TOECAP: steel
- · ANTI-PENETRATION PROTECTION: steel midsole
- · INSOLES: anatomic and breathable
- SOLE: rubber tractor tread sole, fire resistant, anti-acid, wearproof, antislip, heat resistant and with hot/cold insulating features



MB2414 APOLLO 12 BOOTS

EN 15090 F2A H13 AN CI SRC

COLOUR: black **SIZES:** 38-47

- UPPER: full grain leather with Bycast reinforcement
- · LINING: Puratex waterproof membrane
- TOECAP: steelANTI-PENETRATION PROTECTION: Zero Penetration composite midsole
- · INSOLES: antistatic Fustatic
- SOLE: nitrile rubber resistant up to 250°C, anti-slip SRC







MC6311Q0 FIREFIGHTER JACKET

EN 469 X2 Y2 Z1

MATERIAL: 4-layer aramid fabric

COLOUR: dark blue **SIZES:** 44-62

- · THE JACKET MUST BE WORN IN COMBINATION WITH THE FIREFIGHTER BIB-TROUSERS OR OVERTROUSERS
- Concealed anti-panic safety zipper closure with Velcro
 High collar with Velcro fastening
- · Side pocket with tool holder karabiner
- · Side pockets covered with flap and Velcro
- · Chest radio pocket with flap and Velcro
- · Inner pocket fastened with Velcro
- · Width adjustable sleeves
- · Inner knit cuffs with sleeve-stop strings



EN 469 MC6312Q0

FIREFIGHTER OVERTROUSERS

EN 469 X2 Y2 Z1

MATERIAL: 4-layer aramid fabric

COLOUR: dark blue **SIZES:** 44-62

- · THE OVERTROUSERS MUST BE WORN IN COMBINATION WITH THE FIREFIGHTER JACKET
- · High rear bib
- · Adjustable elastic shoulder straps
- · Elastic waistband
- · Two pockets with flap and Velcro
- · Two side pockets with Velcro
- · Detachable knee protection
- · Ankle zippers for an easier use with boots





EN 13911 MC6314Z9 FLAME RETARDANT **BALACLAVA**

EN 13911

MATERIAL: Outer fabric 58% meta-aramid and 40% PBI, 225 g/m²; lining 54% FR viscose, 43% meta-aramid, 2% dissipative fibre, weight 210 g/m²

COLOUR: black

SIZES: one size fits all



F2 X-TREM HELMET FOR FOREST FIRES AND RESCUE USE

EN 12492 EN 16461 EN 16473

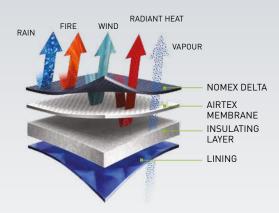
MATERIAL: Helmet shell in painted thermoplastic material, weight 680 gr without accessories

COLOUR: red (more colours available: fluo orange, white, blue, yellow, red, fluo yellow, green, black, photoluminescent - see page 377)

SIZES: one size fits all, adjustable from 52 to 64 cm

- · Lightweight thermoplastic shell with ventilation holes
- · Safety goggles against splinter and smoke in compliance with EN 166 standard, integrated to the structure with an adjustable elastic strap
- · Reflective stickers
- · Quick adjustment with head harness and 3-point chinstrap and integrated chincup
- · Suitable to be used with lamp MD1524

4-LAYER ARAMID FABRIC



OUTER LAYER IN ANTISTATIC NOMEX DELTA 195 G/M2 CONSISTING OF 75% NOMEX, 23% KEVLAR AND 2% ANTISTATIC CARBON FIBRE, FLAME RESISTANT AND WITH HIGH MECHANICAL AND ABRASION RESISTANCE.

INNER LAYER IN AIRTEX MICROPOROUS MEMBRANE, 120 G/M², FEATURING WATER RESISTANCE AND BREATHABILITY.

THE INNER PADDING IN ARAMID WOOL INSULATING FABRIC, 275 G/M², INSULATES FROM CONVECTIVE RADIANT HEAT FROM THE OUTSIDE.

THE INNER QUILTED LINING IN 50% ARAMID AND 50% VISCOSE GUARANTEES EXCELLENT TRANSPIRATION PROPERTIES.



FIXF FIREFIGHTER HELMET FOR STRUCTURAL EN 443 EN 16471 EN 16473 EN 14458

MATERIAL: Helmet shell in injection moulded high-temperature thermoplastic

COLOUR: red (more colours available: yellow, fluo yellow, fluo orange, green, black, white, blue, grey - see page 377) **SIZES:** M (52-62 cm) and L (57-65 cm)

- High-temperature resistant thermoplastic shell, injection moulded Shock absorption padding: polyurethane foam
- Bumpers with moulded reinforcement in aramid
- Flame resistant padded headband and chinstrap cover 3-point chinstrap, adjustable with quick-release buckle
- Protective visor in thermoplastic material with golden coating
- Designed for short-range lamp

ALUMINIZED CLOTHING

















MC6423X2

FIRE CROSSING SET

MATERIAL: Triple protective layer. Outer fabric: fibreglass with aluminized coating, 500 g/m² Middle layer: 4 layers of non-woven fabric 100% aramid, 150 g/m². Lining: 65% Lenzing® FR, 22% aramid, 12% polyamide, 1% Belltron, 200 g/m²

COLOUR: silver SIZES: one size fits all

- · Space for self-contained breathing apparatus
- · Front opening with double zipper and Velcro closure
- · Cuffs adjustable with Velcro
- · Firefighter boots providing heat insulation, integrated in moulded shoe covers in aluminised aramid fabric
- · Gloves in aluminised aramid fabric, including cuffs adjustable with Velcro
- \cdot Wide hood suitable for use with full face mask
- · Internal firefighter helmet with hooks
- · Adjustable shoulder straps with plastic buckles

EN ISO 11612



PROXIMITY HOOD

EN ISO 11612 A1 B1 C3 D3 E3 F1 VISOR NOT CERTIFIED WITH THE PRODUCT BUT COMPLYING WITH STANDARD EN 166 EN 170

MATERIAL: Aluminized para-aramid fibre, 475 g/m² COLOUR: silver

SIZES: one size fits all

- · Aluminized hood with ergonomic headset made of hypoallergenic material
- Golden polycarbonate visor 1.8 mm thick
- · Front sweathand
- · Circumference adjustment wheel
- · Kevlar thread stitching

EN ISO 11612

PROXIMITY COVERALL

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized para-aramid fibre, 475 g/m² COLOUR: silver

SIZES: XL

- · Front concealed snap metal buttons closure with
- · Chinese collar and back cylinder holder bag

EN ISO 11612



PROXIMITY JACKET

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized para-aramid fibre, 475 g/m²

COLOUR: silver SIZES: L

- Chinese collar
- Front concealed snap metal buttons closure with Velcro flap

EN ISO 11612



MC6413X2

PROXIMITY TROUSERS EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized para-aramid fibre, 475 g/m²

COLOUR: silver SIZES: XL

- Front concealed snap buttons closure
- · Loops around waist
- Adjustable shoulder straps

EN ISO 11612 MC6424X2



HEAT RESISTANT SHORT CAPE

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized aramid fabric 475 g/m², Kevlar 50/4 stitching

COLOUR: silver SIZES: one size fits all

- · For neck and shoulder protection
- · Additional protective item to be attached to an aluminium headband, applied to a helmet (optional)

EN ISO 11612 MC6425X2



HEAT RESISTANT NECK GUARD

EN ISO 11612 A1 B1 C3 D3 E3

MATERIAL: 70% preox, 30% para aramid with soft and light aluminization, 360 g/m², thickness 0.6 mm. Twaron titre 50/4 stiching

COLOUR: silver SIZES: one size fits all

- Attached to the helmet with 4 fire resistant Velcro points
- · Additional protection to be attached to an aluminium headband, applied to a helmet

EN ISO 11612 MC6419X2 PROXIMITY APRON

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized para-aramid fibre, 475 g/m²

COLOUR: silver SIZES: one size fits all

- · High mechanical and heat resistance
- · Split leather strings
- · Dimensions 70x100 cm





MC6416X2 PROXIMITY COAT

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized para-aramid fibre,

COLOUR: silver SIZES: XL

- · Chinese collar
- · Rear Velcro fastening
- · Length 120 cm

EN ISO 11612



HEAT RESISTANT SLEEVES

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized para-aramid fibre, 490 g/m^2

COLOUR: silver SIZES: one size fits all

- Unlined
- · Elastic cuffs
- · Length 60 cm

EN ISO 11612



MC6418X2

PROXIMITY GAITERS

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized para-aramid fibre, 475 g/m²

COLOUR: silver SIZES: one size fits all

- · Rear Velcro fastening
- · Height 38 cm

EN ISO 11612



MC6415X2 PROXIMITY SHOE COVERS

EN ISO 11612 A1 B1 C3 D3 E3 F1

MATERIAL: Aluminized para-aramid fibre, 475 g/m²

COLOUR: silver SIZES: one size fits all

· Rear Velcro fastening

MC6417X2

FLAME RETARDANT BLANKET

MATERIAL: Aluminized para-aramid fibre

475 g/m² COLOUR: silver

- · Thickness 1.1 mm
- · High mechanical and heat resistance
- · Dimensions 1.5x2 m

MC6420E0

FLAME RETARDANT ROPE

MATERIAL: Stainless steel thimble, Kevlar highly resistant to fire, heat and acids

COLOUR: yellow

- · Kevlar with very high resistance to fire, heat and acids
- · Stainless steel thimbles
- · Length m 20, diameter 10 mm





MC6517K1 LEATHER CAP

MATERIAL: Natural full grain leather **COLOUR:** natural/orange SIZES: one size fits all

- · Internal lining
- · Adjustment strap and neck protection in fire resistant fabric



EN ISO 11611 MC6512A0



MATERIAL: 1 mm cowhide split leather

COLOUR: ice

SIZES: one size fits all

- · Elastic on both sides
- · Length 40 cm



EN ISO 11611 MC6513A0

LEATHER GAITERS **EN ISO 11611** A1 CLASS 2

MATERIAL: 1 mm cowhide split leather

COLOUR: ice SIZES: one size fits all

- · Height 40 cm
- · Velcro closure



EN ISO 11611

MC6511A0 LEATHER APRON **EN ISO 11611** A1 CLASS 2

MATERIAL: 1 mm cowhide split leather

COLOUR: ice

SIZES: one size fits all

- · Dimensions 60x90 cm
- · Leather strings closure





MA1118 TAIWAN GLOVE

EN 388 EN 407

MATERIAL: Heat-resistant split leather

COLOUR: green **SIZES:** 10

- Lining: denim cotton
- · Cuff: 14 cm split leather



MC244100 **BALACLAVA**

MATERIAL: COLOUR: blue

SIZES: one size fits all

- · Width 24.5 cm, length 47 cm, weight 76 g · Provides protection against thermal risks
- caused by electrical arc
- It can be used under a helmet
- Fire resistant and antistation





EN ISO 11611 MC6514A0 LEATHER JACKET

EN ISO 11611 A1 CLASS 2

MATERIAL: 1 mm cowhide split leather

COLOUR: ice SIZES: M-2XL

- · Velcro closure
- · Elastic cuffs
- · Detachable hood





LEATHER TROUSERS

EN ISO 11611 A1 CLASS 2

MATERIAL: 1 mm cowhide split leather

COLOUR: ice SIZES: M-2XL

- · Waist loops
- · Front closure with metal snap buttons



MC3423N0

FLAME RETARDANT POLYPROPYLENE

CHEMFIRE COVERALL

EN ISO 13982-1 TYPE 5 EN 13034 TYPE 6 EN 1073-2 EN ISO 14116 INDEX 1 EN 1149-5



MATERIAL: 100% antistatic polypropylene

COLOUR: cornflower blue

EN 1073 SIZES: M-2XL



· TO BE WORN AS PROTECTION OVER CONVENTIONAL GARMENTS

- · Concealed central zipper closure with flap
- · Elastic on hood, waistband, cuffs and ankles
- Designed to protect against contact with small splashes of liquid chemical agents, in presence of dust and particles
- · Suitable for short contacts with the flame
- · Pack of 25 pieces





Many work situations expose workers to limited visibility, either by other people or by moving machinery. For this reason, they must be easily and promptly visible from an adequate safety distance.

High-visibility clothing are designed and made to enable workers wearing them to be easily discernible, either during the day, or at night when outdoors (for example, streets and tunnels) or indoors (for example, warehouses or logistics facilities).

SIR high-visibility collection offers exceptional protection for professional use. Our collection meets the strictest requirements in terms of design, functionality

and comfort, and all models have been certified according to the standard EN ISO 20471. In order to obtain maximum visibility during the day, the item must have an adequate surface area of fluorescent material, whereas a large surface of high quality reflective material increases visibility at night or in situations with poor lighting.

The standard provides three performance classes, which differ by fluorescent and retro-reflective material used to make the garment, in accordance with the following table:

	CLASS 1	CLASS 2	CLASS 3
MINIMUM AREA OF BACKGROUND MATERIAL (FLUORESCENT)	0,14 M²	0,50 M²	0,80 M²
MINIMUM AREA OF RETRO-REFLECTIVE MATERIAL (BANDS)	0,10 M ²	0,13 M²	0,20 M²
MINIMUM AREA OF COMBINED PERFORMANCE MATERIAL	0,20 M²	-	

FACTORS CONNECTED WITH THE RISK

Alternatively, Class 1 can be attained by using a combined performance material. Class 3 is more performing since it provides larger areas of high-visibility material

For the purpose of the calculation, the minimum areas are measured on the smallest size available, in the maximum closing position of the body. The performance class can be obtained with a single garment or a set (e.g. jacket and trousers).

The background material must be distributed on the front part of the garment

according to a 50±10% proportion.

The retro-reflective bands must be at least 50 mm wide and spaced out from one another and the bottom of the garment by at least 50 mm.

The performance class is indicated on the marking label of the garment with a number placed next to the specific high-visibility pictogram.

The correct class must be chosen based on the work environment, light conditions and road traffic, according to the following table:

(1) = problematic situations, such as weather					
conditions, background contrast, density of the traffic					
and other factors, may lead to a higher risk level.					
(2) = a "passive road user" refers to a person on the					
road that is not involved in traffic and is focusing on					
something else other than traffic (for example, a road					
worker or a person in an emergency situation). On the					
other hand, an "active road user" is a person on the					
road, directly involved in traffic and focusing on it (for					
example, a cyclist or a pedestrian on the road).					

	DIOV I FUEL	LEVEL (1)		DIOV LEVE	
	RISK LEVEL	VEHICLE SPEED	TYPE OF ROAD USER (2)	RISK LEVEL	
HIGH VISIBILITY	HIGH RISK EN ISO 20471 CLASS 3	>60 KM/H	PASSIVE	- DAY AND NIGHT VISIBILITY - 360° BODY VISIBILITY (VISIBILITY ON ALL SIDES)	
	HIGH RISK En ISO 20471 CLASS 2	≤60 KM/H	PASSIVE	- BODY RECOGNITION - MATERIAL AROUND THE TORSO - SUITABLE QUANTITY AND QUALITY FOR THE DAY AND NIGHT	
	HIGH RISK En ISO 20471 CLASS 1	≤30 KM/H	PASSIVE	- DAY AND NIGHT VISIBILITY - 360° BODY VISIBILITY (VISIBILITY ON ALL SIDES) - BODY RECOGNITION - SUITABLE QUANTITY AND QUALITY FOR	
INCREASED VISIBILITY	≤60 KM/H MEDIUM RISK ≤15 KM/H	≤60 KM/H	ACTIVE	- DAY AND NIGHT VISIBILITY - VISIBILITY ON ALL SIDES - RECOGNITION OF MOVEMENTS, IF APPLICABLE (THERE IS NO NEED FOR THE MATERIAL AROUND THE TORSO) - SUITABLE QUANTITY AND QUALITY FOR THE DAY AND NIGHT (NOT NECESSARILY EN ISO 20471) - WIDER CHOICE OF COLOURS AND DESIGNS	
		≤15 KM/H	PASSIVE	- NIGHT VISIBILITY	
		ACTIVE	- VISIBILITY ON ALL SIDES - RECOGNITION OF MOVEMENTS, IF APPLICABLE [THERE IS NO NEED FOR THE MATERIAL AROUND THE TORSO] - SUITABLE QUANTITY AND QUALITY FOR THE NIGHT [NOT NECESSARILY EN ISO 20471] - NO GADGET		
VISIBILITY	LOW RISK			BRIGHT COLOUR	
		-		FREE PATTERNED TRIM AND/OR REFLECTIVE MATERIAL	
				ANY QUANTITY AND QUALITY	

Class 3 clothing must be worn by all those working on roadwork sites with a speed limit above 60 km/h, on railway tracks, in airports and during rescue operations. Class 2 clothing can be worn by people supervising activities requiring Class 3 clothing. They must be worn outdoors in good weather conditions and where visibility is adequate.

Class 1 clothing may be worn by people visiting roadwork sites where Class 3 clothing are required, for occasional short-term operations and accompanied by people working on the site. They can also be used in service and transport sectors. If activities might vary during the work shift, or in general, if in doubt, Class 3 clothing is recommended.



HI-VIS WAISTCOATS







TRAFFIC WAISTCOAT EN ISO 20471 CLASS 2

MATERIAL: 100% polyester, 170 gr/m² COLOUR: high visibility yellow

SIZES: M-3XL

- Central zipper closure
- Three-dimensional pockets and welt pockets with concealed zipper closure
- Inner sweat wiper yoke Double reflective band

MC3514H1 COLOUR: high visibility orange

EN ISO 20471

MC3531E1

HI-VIS BRACES COLOUR: high visibility yellow

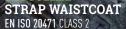
SIZES: one size fits all

· Quick-release closure

· Front-adjustable

· Reflective band





MATERIAL: Mesh fabric 100% polyester, 125 gr/m² COLOUR: high visibility yellow SIZES: M and XL

Front Velcro fastening

Double reflective band

MC3511H1 COLOUR: high visibility orange





MEGA VIS WAISTCOAT EN ISO 20471 CLASS 2

0

MATERIAL: 100% polyester, 120 gr/m² COLOUR: high visibility yellow SIZES: M and XL

- Velcro fasteningDouble prismatic band on chest
- Single prismatic band on shoulders







EN ISO 20471







ISTANBUL WAISTCOAT EN ISO 20471 CLASS 2 EN 1149-5 EN 14116

120 gr/m²

SIZES: M-2XL

- · Concealed zipper closure with Velcro fastening
- · Double reflective band
- Antistatic



MC3537E1 MEGA VIS LED WAISTCOAT EN ISO 20471 CLASS 2

MATERIAL: 100% polyester, 120 gr/m²

MC3516E1

JEROME WAISTCOAT

0

MATERIAL: 100% polyester **COLOUR:** high visibility yellow **SIZES:** S (4-6 years) - M (7-9 years) L (10-12 years)

- · Velcro closure
- · Contrastig royal blue trims
- · Label inside the collar for personal data
- Double reflective band



MC3533E1

MATERIAL: Polyester and conductive fibre,

COLOUR: high visibility yellow

· Front Velcro fastening

SIZES: M and XL

M

· Prismatic band with led

COLOUR: high visibility yellow







MC3515E1 FALCO WAISTCOAT EN ISO 20471 CLASS 2

MATERIAL: 100% polyester, 190 gr/m² **COLOUR:** high visibility yellow

SIZES: M and XL

- Zipper closure
- · Two-tone prismatic reflective band on chest and shoulders



MC3517EG SPARVIERO WAISTCOAT EN ISO 20471 CLASS 1

MATERIAL: 100% polyester, 120 gr/m² COLOUR: high visibility yellow/blue SIZES: M and XL

- Zipper closureThree-dimensional pockets with flap
- · Mobile phone pocket and pen holder
- · Badge holder
- · Single heat-sealed reflective band on chest and shoulders



MC3534HH NIBBIO WAISTCOAT EN ISO 20471 CLASS 2

MATERIAL: 100% polyester, 120 gr/m² COLOUR: high visibility orange and yellow SIZES: M and XL

- Central zipper closureDouble reflective band on chest and single reflective band on shoulders







RECOMMENDED FOR

- GENERAL AND ROAD CONSTRUCTION
- ROAD SIGN WORK
- ROAD AND PLANTS **MAINTENANCE**
- EMERGENCY RESPONSE **COMPANIES**





EN ISO 20471 MC3518E1

MISTRAL SHORT JACKET

EN ISO 20471 CLASS 3

MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m²

COLOUR: high visibility yellow

SIZES: 44-62

- · Shirt collar
- · Concealed closure with five buttons
- $\boldsymbol{\cdot}$ Two chest pockets with flap and Velcro, one of which is threedimensional and equipped with a pen holder
- · High resistance jointed double seams



COLOUR: high visibility orange







MC3522E1 MISTRAL TROUSERS

EN ISO 20471 CLASS 2

MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m²

COLOUR: high visibility yellow

SIZES: 42-64

- · Fly with zipper and button closure
- · Back elasticated waistband
- · Two reinforced patch pockets with side opening
- · Three-dimensional functional pocket with flap and Velcro
- · Right ruler pocket
- · Back pocket with flap and Velcro
- · Jointed double seams in the areas most exposed to wear

MC3522H1

COLOUR: high visibility orange













EN ISO 20471 MC3527E1 MISTRAL COVERALL

EN ISO 20471 CLASS 3

MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m²

COLOUR: high visibility yellow

SIZES: 44-62

- · Shirt collar
- · Two-way concealed central zipper closure
- · Right ruler pocket
- Two patch pockets with side opening Chest pocket with flap and Velcro
- · Back elasticated waistband
- · Jointed double seams in the areas most exposed to wear and tear

MC3527H1 COLOUR: high visibility orange











EN ISO 20471 CLASS 2

MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m²

COLOUR: high visibility yellow

SIZES: 44-62

- · Elastic shoulder straps with quick-fastening buckles
- · Bib pocket with flap and Velcro
- · Waistband closed with buttons
- · Rear bib
- · Two patch pockets with side opening
- · Right ruler pocket
- · Back pocket with flap and Velcro
- · Jointed double seams in the areas most exposed to wear and tear

MC3523H1 COLOUR: high visibility orange



EN ISO 20471 MC3520E1 MISTRAL BERMUDAS

EN ISO 20471 CLASS 2

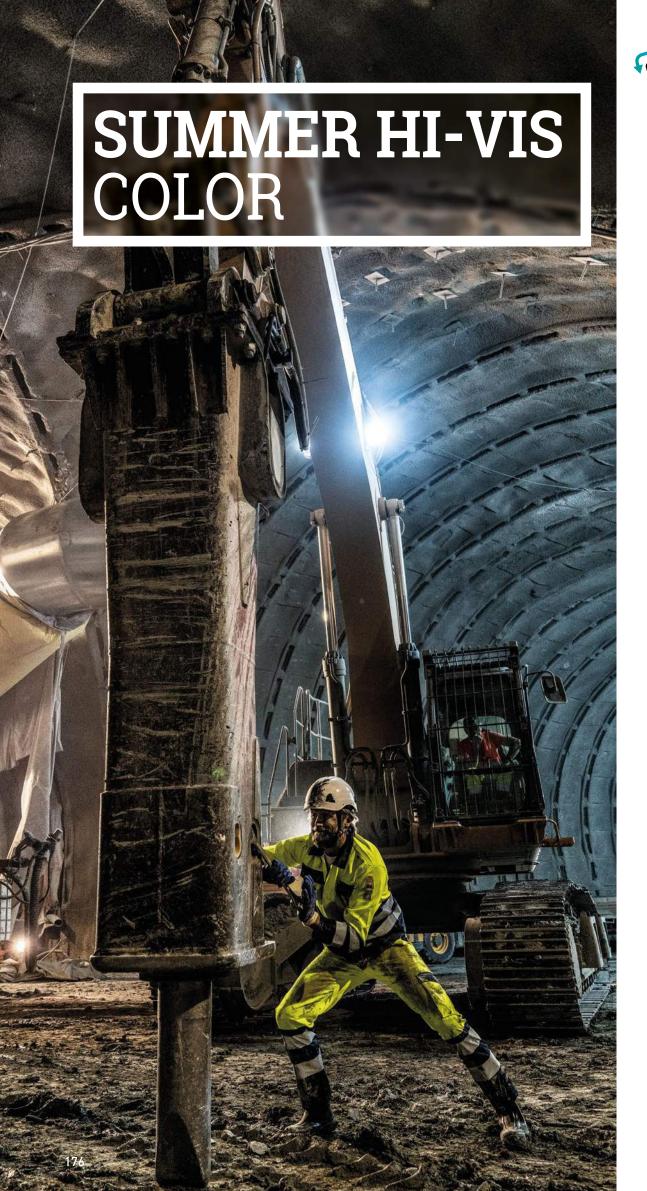
MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m²

COLOUR: high visibility yellow

SIZES: 46-62

- · Fly with zipper and button
- · Side elasticated waistband
- · Two reinforced patch pockets with side opening
- · Two back pockets with flap and Velcro
- · Functional pocket with pen holder, closed with flap and Velcro

MC3520H1 COLOUR: high visibility orange





MC3528HD MISTRAL COLOR COVERALL

EN ISO 20471 CLASS 3

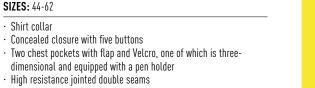
MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m² **COLOUR:** high visibility orange/blue

SIZES: 44-62

- · Shirt collar
- · Two-way concealed central zipper closure
- Right ruler pocket
 Two patch pockets with side opening
 Chest pocket with flap and Velcro
- · Back elasticated waistband
- · Jointed double seams in the areas most exposed to wear and tear

MC3528ED

COLOUR: high visibility yellow/blue



MC3519ED COLOUR: high visibility yellow/blue

MC3519HD MISTRAL COLOR SHORT JACKET

MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m²

EN ISO 20471

EN ISO 20471 M

SIZES: 44-62 · Shirt collar

EN ISO 20471 CLASS 2

COLOUR: high visibility orange/blue

MC3521HD

MISTRAL COLOR TROUSERS

EN ISO 20471 CLASS 2

MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m² **COLOUR:** high visibility orange/blue

SIZES: 42-62

- · Fly with zipper and button
- Back elasticated waistband
 Two reinforced patch pockets with side opening
- · Functional pocket closed with flap and Velcro on the left
- Right ruler pocket
- · Back pocket with flap and Velcro
- · Jointed double seams in the areas most exposed to wear and tear

MC3521ED COLOUR: high visibility yellow/blue



restyled



EN ISO 20471 MC3524HD MISTRAL COLOR BIB-TROUSERS

EN ISO 20471 CLASS 2

MATERIAL: Mistral fabric 55% cotton and 45% polyester, 245 gr/m²

MC3524ED

COLOUR: high visibility yellow/blue

COLOUR: high visibility orange/blue

SIZES: 44-62

- · Elastic shoulder straps with quick-fastening buckles
- · Bib pocket with flap and Velcro
- · Waistband closed with buttons
- · Rear bib
- \cdot Two patch pockets with side opening
- · Right ruler pocket
- · Back pocket with flap and Velcro
- · Jointed double seams in the areas most exposed to wear and tear





RECOMMENDED FOR

- GENERAL AND ROAD CONSTRUCTION
- ROAD SIGN WORKROAD AND PLANTS **MAINTENANCE**
- EMERGENCY RESPONSE **COMPANIES**



WINTER HI-VIS





EN ISO 20471 MC3618H1 VELVET COVERALL EN ISO 20471 CLASS 3

MATERIAL: Velvet fustian fabric 60% cotton and 40% polyester, 350 gr/m² **COLOUR:** high visibility orange

SIZES: 44-62

- · Shirt collar
- Two-way concealed central zipper closure
 Right ruler pocket
- · Two patch pockets with side opening
- · Chest pocket with flap and Velcro
- · Back elasticated waistband
- \cdot Jointed double seams in the areas most exposed to wear and tear

MC3618E1 COLOUR: high visibility yellow



MC3530E1 HIGH VISIBILITY CAP

COLOUR: high visibility yellow SIZES: one size fits all

- Curved peak and reflective band
 Width adjustable with Velcro

MC3530H1 MATERIAL: 100% polyester **COLOUR:** high visibility orange SIZES: one size fits all











EN ISO 20471

EN ISO 20471 CLASS 2

MATERIAL: Velvet fustian fabric 60% cotton and 40% polyester, 350 gr/m² **COLOUR:** high visibility orange

SIZES: 44-62

- · Elastic shoulder straps with quick-fastening buckles
- · Bib pocket with flap and Velcro
- · Waistband closed with buttons
- · Rear bib
- · Two patch pockets with side opening
- · Right ruler pocket
- · Back pocket with flap and Velcro
- · Jointed double seams in the areas most exposed to wear and tear

MC3617E1 COLOUR: high visibility yellow

EN ISO 20471



MC3616H1 VELVET SHORT JACKET

EN ISO 20471 CLASS 3

MATERIAL: Velvet fustian fabric 60% cotton and 40% polyester, 350 gr/m²

COLOUR: high visibility orange

SIZES: 44-64

- · Concelead zipper closure with Velcro
- · Two chest pockets with flap and Velcro, one of which is three-dimensional and equipped with a pen holder
- · High resistance jointed double seams

MC3616E1 COLOUR: high visibility yellow

EN ISO 20471



MC3615H1 VELVET TROUSERS

EN ISO 20471 CLASS 2

MATERIAL: Velvet fustian fabric 60% cotton and 40% polyester, 350 gr/m²

COLOUR: high visibility orange

SIZES: 42-64

- · Fly with zipper and button
- · Two reinforced patch pockets with side opening
- · Functional pocket closed with flap and Velcro on the left
- · Right ruler pocket
- · Back pocket with flap and Velcro
- · Jointed double seams in the areas most exposed to wear

MC3615E1 COLOUR: high visibility yellow



NEW

MC3535H1

HIGH VISIBILITY CAP

MATERIAL: Yarn 100% acrylic COLOUR: high visibility orange SIZES: one size fits all



COLOUR: high visibility yellow









VELVET COLOR SHORT JACKET

EN ISO 20471 CLASS 2

MATERIAL: Velvet fustian fabric 60% cotton and 40% polyester, 350 gr/m²

COLOUR: high visibility orange/blue

SIZES: 44-62

- · Shirt collar
- · Concealed zipper closure with Velcro
- Two chest pockets with flap and Velcro, one of which is three-dimensional with pen holder
- · High resistance jointed double seams

MC3611ED COLOUR: high visibility yellow/blue

EN ISO 20471 MC3612HD

VELVET COLOR TROUSERS

EN ISO 20471 CLASS 2

MATERIAL: Velvet fustian fabric 60% cotton and 40% polyester, 350 gr/m²

COLOUR: high visibility orange/blue

SIZES: 42-62

- · Fly with zipper and button
- Two reinforced patch pockets with side opening
 Functional pocket with flap and Velcro on the left
- · Right ruler pocket
- · Back pocket with flap and button
- · Jointed double seams in the areas most exposed to wear and tear

MC3612ED COLOUR: high visibility yellow/blue



EN ISO 20471 MC3614HD



VELVET COLOR COVERALL

EN ISO 20471 CLASS 3

MATERIAL: Velvet fustian fabric 60% cotton and 40% polyester, 350 gr/m² **COLOUR:** high visibility orange/blue

SIZES: 44-62

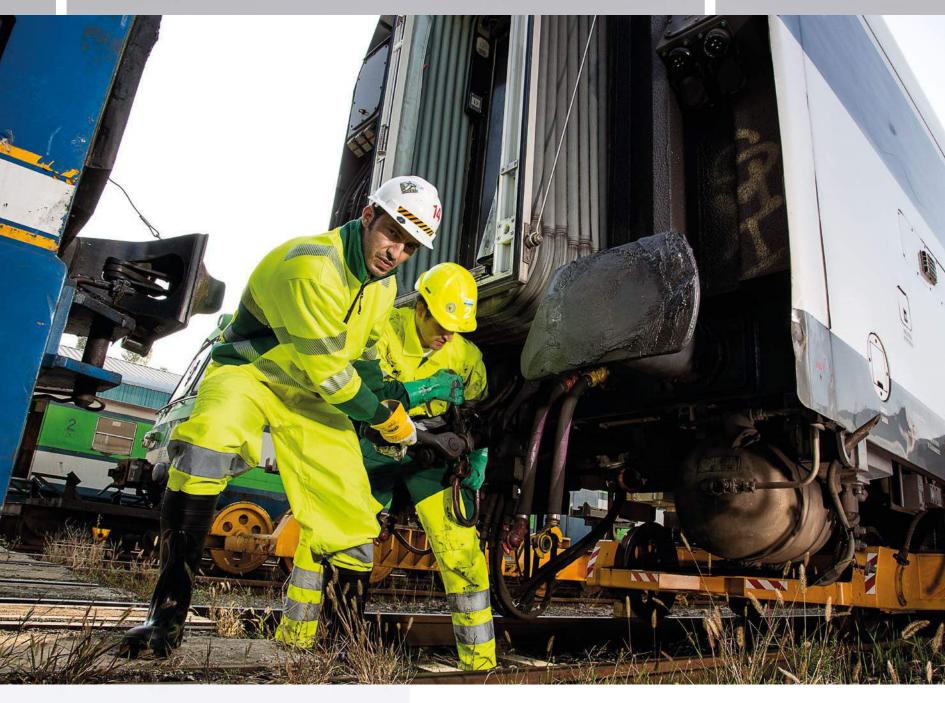
- · Shirt collar
- · Two-way concealed central zipper closure
- · Right ruler pocket
- · Two patch pockets with side opening
- · Chest pocket with flap and Velcro
- · Back elasticated waistband
- · Jointed double seams in the areas most exposed to wear and tear

MC3614ED COLOUR: high visibility yellow/blue





HI-VIS GREEN COLOR



THE GREEN COLOR RANGE. INNOVATIVE WITH ITS GREEN/HIGH-VISIBILITY CHROMATIC COMBINATION, OFFERS GARMENTS WITH MULTIFUNCTIONAL ACCESSORIES THAT MAKE THEM PARTICULARLY COMFORTABLE AND PRACTICAL. THE REGIMENTAL JACKET ASSURES HIGH THERMAL PROTECTION WHILE MAINTAINING EXCELLENT BREATHABILITY.



EN ISO 20471



MC3912EF FUNNY SWEATSHIRT **EN ISO 20471** CLASS 2

MATERIAL: Plush fabric 55% cotton and 45% polyester, 310 gr/m²

COLOUR: high visibility yellow/green SIZES: S-3XL

- · High collar with zipper closure
- · Elastic knit cuffs and waistband
- · Chest pocket with zipper closure











MC4116EF

REGIMENTAL SPLIT JACKET EN ISO 20471 CLASS 3 EN 343

MATERIAL: Supersoft bilaminate Clipper-Tex fabric, 100% polyester; padding 180 gr/m²

COLOUR: high visibility yellow/green

SIZES: XS-4XL

- · 4 in 1 model
- · Breathable and waterproof
- · Two-way concealed central zipper closure
- · Rollaway hood
- · Adjustable elasticated cuffs
- · Concealed ID badge holder
- · Two inner pockets
- · Double reflective band on chest and sleeves
- · Double stitching on bands Inner jacket:
- · Detachable sleeves with zipper
- · Zippered pockets
- · Inner pocket

EN ISO 20471



MC4120EF

REGIMENTAL TROUSERS

EN ISO 20471 CLASS 2 EN 343

MATERIAL: Supersoft bilaminate Clipper-Tex fabric, 100% polyester; Nylon lining without padding

COLOUR: high visibility yellow/green

SIZES: S-3XL

- · Zipper closure
- · Elasticated waistband
- · Exterior-to-interior access with zipper on the sides
- · Back pocket



MC3525EF

GREEN COLOR JACKET

EN ISO 20471 CLASS 2

MATERIAL: High visibility yellow fabric 55% cotton and 45% polyester; green fabric 65% polyester and 35% cotton, 245 gr/m²

COLOUR: high visibility yellow/green

SIZES: 44-62

- · Concealed central zipper closure with snap buttons
- · Adjustable cuffs with Velcro
- · Multi-functional chest pockets
- · Double reflective band around arms and chest



MC3526EF

GREEN COLOR TROUSERS

EN ISO 20471 CLASS 2

MATERIAL: High visibility yellow fabric 55% cotton and 45% polyester; green fabric 65% polyester and 35% cotton, 245 gr/m²

COLOUR: high visibility yellow/green

SIZES: 44-62

- · Concealed central zipper closure
- · Two front pockets
- · Ruler pocket
- · Easy-to-access multi-functional pocket with mobile phone pocket and pen holder
- · Two large back pockets
- · Double reflective band around legs





RECOMMENDED

- GENERAL AND ROAD
- ROAD AND PLANTS
- TRANSPORT
- LOGISTICS
- INDUSTRIAL PLANTS **MAINTENANCE**
- SERVICE AND **ASSISTANCE**



0



FOR

- CONSTRUCTION
- ROAD SIGN WORK
- MAINTENANCE

- AND INSTALLATION
- **COMPANIES**



EN ISO 20471



MC3714E1

FLASH SHORT JACKET

EN ISO 20471 CLASS 3

MATERIAL: 100% Super Fresh cotton, 305 gr/m² **COLOUR:** high visibility yellow

SIZES: 44-62

- · Shirt collar
- · Concealed closure with five buttons
- · Two chest pockets with flap and Velcro, one of which is three-dimensional and equipped with a pen holder
- \cdot High resistance jointed double seams
- · Double reflective band on sleeves and chest

EN ISO 20471

9



MC3712E1

FLASH TROUSERS

EN ISO 20471 CLASS 2

MATERIAL: 100% Super Fresh cotton, 305 gr/m² **COLOUR:** high visibility yellow **SIZES:** 44-62

- · Fly with zipper closure
- · Functional three-dimensional pocket with flap and Velcro and pen holder on left leg
- · Right leg ruler pocket
- · Back pocket with flap and button
- · High resistance jointed double seams
- · Double reflective band

EN ISO 20471



MC3715EC

FLASH COLOR SHORT JACKET

EN ISO 20471 CLASS 2

MATERIAL: 100% Super Fresh cotton, 305 gr/m²; Evolution inserts 65% polyester, 35% cotton, 240 gr/m²

COLOUR: high visibility yellow/blue

SIZES: 44-62

- · Shirt collar
- · Concealed central zipper closure with Velcro
- · Three chest pockets, two with flap and Velcro and one with zipper
- · Cuffs with button closure
- · Jointed double seams
- · Blue collar and inserts on shoulders and sleeves
- · Double reflective band on sleeves and chest

EN ISO 20471



MC3713EC

FLASH COLOR TROUSERS

EN ISO 20471 CLASS 2

MATERIAL: 100% Super Fresh cotton, 305 gr/m²; Evolution inserts 65% polyester, 35% cotton, 240 gr/m²

COLOUR: high visibility yellow/blue **SIZES:** 44-62

- · Central zipper closure
- · Back pocket with flap and Velcro
- · Functional three-dimensional pockets with flap and Velcro
- · Jointed double seams
- · Blue inserts in high-resistant fabric on knees and at the bottom of the trousers
- · Double reflective band









EN ISO 20471



MC2514H1

RUSH JACKET EN ISO 20471 CLASS 3



MATERIAL: Twill 80% polyester, 20% cotton, weight 300 gr/m²

COLOUR: high visibility orange

SIZES: XS-4XL



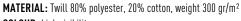
- · Self-covered central zipper closure
- · Fleece lined collar
- Two three-dimensional chest pockets with flap and Velcro, one featuring a concealed badge holder and the other a hidden pocket
- Muff pockets
- · Inner pocket with Velcro fastening
- · Wear-and-tear reinforcement at the elbows
- · Adjustable waistband with side buttons
- · Adjustable cuffs with snap button
- · Reflex inserts
- · 3M® reflective bands on chest, sleeves and shoulders.

MC2514E1 COLOUR: high visibility yellow MC2514L1 COLOUR: high visibility red

EN ISO 20471 MC2511H1







COLOUR: high visibility orange

SIZES: XS-4XL



- · Fly with zipper and button
- Zip-off Cordura® reinforced holster pockets
 Multi-functional utility pocket with flap and Velcro fastening, with mobile phone pocket, pen holder and concealed ID badge holder
- · Ruler pocket
- · Two back pockets with flap and Velcro
- · Cordura® reinforced knee pad pockets
- Extendable leg length by 4 cm
- · Reflex inserts
- · Triple stitched seams

MC2511E1 COLOUR: high visibility yellow MC2511L1 COLOUR: high visibility red









HI-VIS KNITWEAR





MC3814E1 MISTRAL CONFORT POLO SHIRT

EN ISO 20471 CLASS 2

MATERIAL: 55% cotton 45% polyester, 175 gr/m²

COLOUR: high visibility yellow

SIZES: S-4XL

· Collar in constrasting grey with 3 buttons

· Double reflective band on chest

MC3814H1 COLOUR: high visibility orange



EN ISO 20471



CLASS



MC3813E1

MISTRAL T-SHIRT

EN ISO 20471 CLASS 2

MATERIAL: 55% cotton, 45% polyester, 175 gr/m²

COLOUR: high visibility yellow

SIZES: S -4XL

 $\boldsymbol{\cdot}$ Cotton on skin side: assures extreme comfort and excellent breathability

· Two reflective bands around the chest

· Vertical reflective band on shoulders

· Suitable for industrial washing

· UV protection 50+UPF factor treatment

MC3813H1 COLOUR: high visibility orange

MC3813L1 COLOUR: high visibility red



EN ISO 20471

CLASS

MC3912EE

FUNNY SWEATSHIRT

EN ISO 20471 CLASS 2

MATERIAL: Plush fabric 55% cotton and 45% polyester, 310 gr/m²

COLOUR: high visibility yellow/black

SIZES: S-3XL

· Central zipper closure

· Vertical chest pocket with zipper

· Side pockets with zipper

· High collar

· Elastic knit cuffs and waistband

· Collar, shoulders and sleeves with black inserts

· Reflective bands

MATERIAL: Plush fabric 35% cotton and 65% polyester, 310 gr/m²

COLOUR: high visibility orange/blue

SIZES: S-3XL





EN ISO 20471

RUNNER SWEATSHIRT

EN ISO 20471 CLASS 3

MATERIAL: Plush fabric 55% cotton and 45% polyester, 310 gr/m²

CLASS

COLOUR: high visibility yellow

SIZES: S-3XL

- · Zipper closure
- · Elastic knit cuffs and waistband
- · Double reflective band on chest and sleeves

MC3913H1

MATERIAL: Plush fabric 35% cotton and 65% polyester, 310 gr/m²

COLOUR: high visibility orange

SIZES: S-3XL

9





MC3915E1

DUNE FLEECE SWEATSHIRT

EN ISO 20471 CLASS 3

MATERIAL: Fleece fabric 100% polyester, 310 gr/m²

COLOUR: high visibility yellow

SIZES: S-3XL

- · Turtleneck zipper closure
- · Elasticated cuffs
- · Reflective band on shoulders and chest and double band on sleeves

MC3915H1

COLOUR: high visibility orange



EN ISO 20471 CLASS

MC2555ZG ARROW SWEATSHIRT

EN ISO 20471 CLASS 2

MATERIAL: Jacquard knit fabric 60% polyester, 40% cotton; 100% polyester fleece; 100% cotton jersey

COLOUR: high visibility yellow/black

SIZES: S-4XL

- Two pockets with elasticated trims
 Chest pocket with zipper
- Oversized antipilling cuffs
- Windproof nylon-lined hood
- · Reflective inserts
- Heat-sealed reflective bands with cut-out design





EN ISO 20471 CLASS

MC3916H1

CIRCUS SWEATSHIRT

EN ISO 20471 CLASS 3

MATERIAL: 65% polyester, 35% cotton,

280 g/m²

COLOUR: high visibility orange

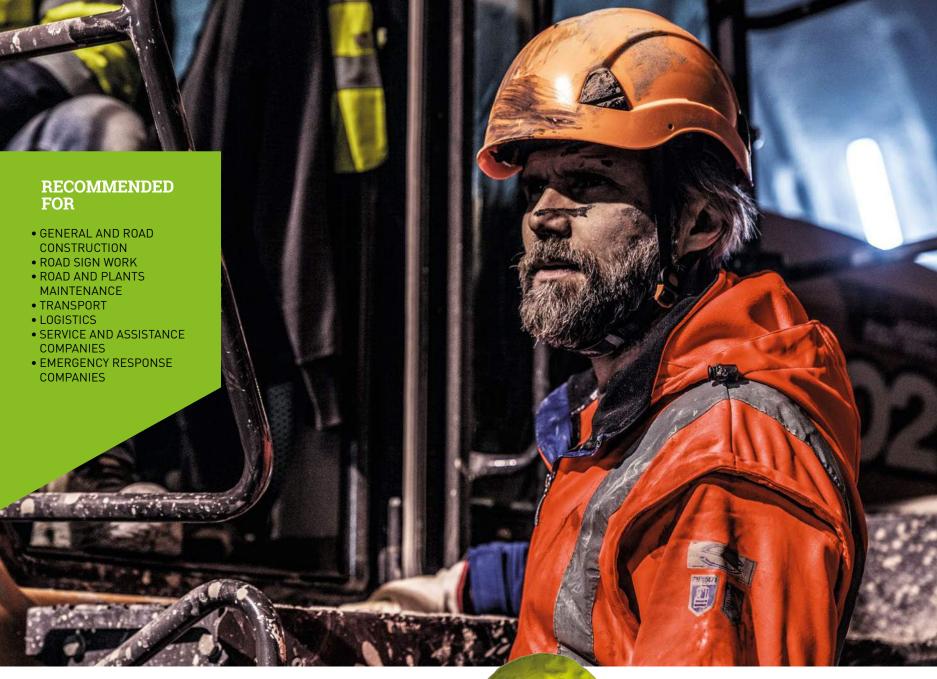
SIZES: S-3XL

- Antipilling finish
- Hood with black, dirt-repellent inner fabric and drawstring, detachable with snap buttons
- 100% polyester cuffs with antipilling finish
- Front zippered pockets
- · Heat-sealed reflective bands

MC3916E1 COLOUR: high visibility yellow MC3916L1 COLOUR: high visibility red









MC3914ED SOFTSHELL STARMAX

EN ISO 20471 CLASS 2

MATERIAL: Softshell fabric and inner layer in 144 filaments micro-fleece

COLOUR: high visibility yellow/royal blue

SIZES: S-3XL

- Central zipper closure
 Hood with drawstring, detachable with zipper
 Zippered muff pockets and chest pocket
 Detachable sleeves with zipper
 Cuffs adjustable with Velcro
 Bottom of the jacket adjustable with drawstring

MC3914HD

COLOUR: high visibility orange/royal blue



HI-VIS WEATHER RESISTANT CLOTHING





EN ISO 20471



MC4114EC DRIVER PILOT JACKET

EN ISO 20471 CLASS 2

MATERIAL: Oxford fabric 150D, lamination in water repellent PU; blue quilting 80% in polyester and 20% cotton, padding 180 g/m²

COLOUR: high visibility yellow/blue

SIZES: S-3XL

- · Front zipper closure
- · Dirt-repellent, collar edge in contrasting colour
- Two front pockets with snap button
 Vertical chest pocket with zipper
- · Detachable sleeves with zipper
- 100% polyester antipilling cuffs
 Inner pocket with Velcro fastening

MC4114HC

COLOUR: high visibility orange/blue



EN ISO 20471



MC4123EC MORGAN PILOT JACKET

EN ISO 20471 CLASS 2

 $\begin{array}{l} \textbf{MATERIAL:} \ 40\% \ \text{polyester} \ \text{and} \ 60\% \ \text{cotton,} \\ \text{padding} \ 220 \ \text{gr/m}^2, \ \text{fleece collar lining} \end{array}$ COLOUR: high visibility yellow/blue

SIZES: S-3XL

- · Zipper closure
- Dirt-repellent yoke in contrasting colour
- · Elastic knit cuffs
- \cdot Zippered chest pockets and mobile phone pocket
- · Muff pockets
- · Inner pocket
- · Concealed ID badge holder

MC4123HC

COLOUR: high visibility yellow/blue



HI-VIS WEATHER RESISTANT CLOTHING





MC4113E1

MOTORWAY JACKET

EN ISO 20471 CLASS 3 EN 343

MATERIAL: 100% polyester coated with polyurethane, inner padding 220 gr/m²

COLOUR: high visibility yellow

SIZES: S-3XL

- Concealed central zipper closure with snap buttons
 Foldaway hood with drawstring
- · Windproof elasticated knit cuffs
- Mobile phone pocket on chest with Velcro fastening
- · Water-resistant side pockets with flap and Velcro
- · Detachable ID badge holder with snap button
- · Two inner pockets, one with Velcro fastening and a vertical one with zipper

MC4113H1 COLOUR: high visibility orange





MOTORWAY SPLIT JACKET

EN ISO 20471 CLASS 3 EN 343 EN 14058

MATERIAL: Polyester coated with polyurethane, inner padding 220 gr/m²

COLOUR: high visibility yellow/blue

SIZES: S-3XL

- · Concealed central zipper closure
- · Foldaway hood with drawstring
- · Mobile phone pocket on chest with Velcro fastening
- · Detachable ID badge holder with snap button
- · Side pockets with flap and Velcro Inner iacket:
- · Detachable sleeves
- · Pockets with covered zipper
- · Two inner pockets

MC4124H1 COLOUR: high visibility orange/blue SIZES: S-4XL





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DETACHABLE INNER JACKET

EN ISO 20471 MC4125E1

CONTENDER PILOT JACKET

EN ISO 20471 CLASS 3 EN 343



MATERIAL: 100% polyester coated with polyurethane, inner padding

COLOUR: high visibility yellow/black inserts

SIZES: S-4XL

- \cdot 4 in 1 model
- Two-way concealed central zipper closure
 Windproof flap closed with snap buttons and Velcro
- · Foldaway hood with drawstring
- · Fleece collar lining
- · Muff pockets
- · Water-resistant chest pockets with flap and Velcro
- Third chest pocket with zipper and concealed ID badge holder
 Elastic waist sides and elasticated cuffs, adjustable with Velcro Inner jacket:
- · Detachable sleeves
- · Muff pockets
- \cdot Elasticated knit cuffs and inserts in contrasting colour

MC4125H1 COLOUR: high visibility orange/black inserts



EN ISO 20471 MC4122HD

Synthetic wool padding

M



ROWANIEMI COVERALL EN ISO 20471 CLASS 3 EN 343

MATERIAL: Bilaminate Clipper-Tex fabric: breathable and waterproof;

COLOUR: high visibility orange/blue

SIZES: S-3XL

- · Concealed central zipper closure with snap buttons
- · High collar with fleece lining
- · Foldaway hood with drawstring
- · Elastic knit cuffs
- · Waistband with drawstring
- · Front pockets with zipper closure covered with water-resistant flap
- · Zippered vertical chest pocket
- · Zipper opening on the ankles covered with flap and snap buttons
- · Heat-sealed seams
- · Double reflective band on chest, sleeves and legs

MC4122HD colour: high visibility orange/blue









EN ISO 20471 CLASS 3 EN 343

MATERIAL: Supersoft bilaminate Clipper-Tex fabric, 100% polyester; padding 180 gr/m² COLOUR: high visibility yellow/blue

SIZES: XS-4XL

- · 4 in 1 model
- · Breathable and waterproof
- · Two-way concealed central zipper closure
- · Rollaway hood
- · Adjustable elasticated cuffs
- · Concealed ID badge holder
- · Two inner pockets
- · Double reflective band on chest and sleeves
- · Double stitching on bands Inner jacket:
- · Detachable sleeves with zipper
- · Zippered pockets
- · Inner pocket

MC4116HC COLOUR: high visibility orange/blue MC4116EF COLOUR: high visibility yellow/green

EN ISO 20471 MC4120EC **REGIMENTAL TROUSERS**



EN ISO 20471 CLASS 2 EN 343 MATERIAL: Supersoft bilaminate Clipper-Tex fabric,

100% polyester; Nylon lining without padding

COLOUR: high visibility yellow/blue

SIZES: S-3XL

- · Zipper closure
- · Elasticated waistband
- · Exterior-to-interior access with zipper on the sides
- · Back pocket

MC4120HC COLOUR: high visibility orange/blue MC4120EF COLOUR: high visibility yellow/green



MC4115H1 IVALO JACKET EN ISO 20471 CLASS 3 EN 343

MATERIAL: Supersoft bilaminate Clipper-Tex fabric, 100% polyester; padding 100% polyester

COLOUR: orange

- · Concealed zipper closure with snap
- · Foldaway hood with drawstring

- pocket on the other side
- Two side pockets with flap and Velcro
- · Drawstring on the bottom of the outer

- Two side zippered pockets Inner pocket with zipper

MC4118H1 IVALO TROUSERS EN ISO 20471 CLASS 2 EN 343

MATERIAL: Supersoft bilaminate Clipper-Tex fabric, 100% polyester

COLOUR: high visibility orange

SIZES: S-3XL

- · Fly with concealed zipper
- Elasticated waistband
- Exterior-to-interior access with zipper on the sides
- Back pocket
- · Heat-sealed seams

PREMIUM WEATHER RESISTANT HI-VIS





BANF PILOT JACKET EN ISO 20471 CLASS 3 EN 343

MATERIAL: Outer fabric in Ripstop Stretch, Inner lining in nylon, padding 160 gr/m² COLOUR: high visibility yellow/navy blue

SIZES: S-3XL

- · Reversible light jacket with heat-sealed reflective bands
- Taped zippers closuresTaped chest pocket
- · Navy dirt-repellent trim on collar
- · Elastic cuffs and bottom
- · Lining: three zippered pockets, one of which on the chest

MC4413P7 CAPRICORNO BODYWARMER EN 20471 CLASS 2

MATERIAL: Pongee outer fabric, polyester lining 140 gr/m², padding 200 gr/m²

COLOUR: blue/high visibility yellow

SIZES: S-3XL

- · Reversible model
- · Two-way zipper closure
- Zippered chest pocketsReflective piping on chest
- · Reverse side: two pockets with flap and Velcro
- · D-ring
- · Double heat-sealed reflective band



restyled









· Piping on chest

vertical pocket

· Concealed, detachable badge holder · Two side pockets with concealed zipper · Elasticated windproof cuffs, adjustable with Velcro · Zippered underarm vents with mesh interior

· Heat-transfer reflective bands on shoulders, around the waist and sleeves

· High performance fully waterproof taped seams

MC4128EE COLOUR: high visibility yellow/black MC4128LD COLOUR: high visibility red/black

MC4127HE ICARUS TROUSERS

EN ISO 20471 CLASS 1 EN 343

MATERIAL: trilaminate Clipper-Tex fabric, Twill, 170 gr/m²; wrinkle and stain resistant, solid, elastic, windproof, water repellent and highly breathable; fully quilted lining, polyester padding 100 gr/m²

COLOUR: high visibility orange/black

SIZES: XS-4XL

- Fly with zipper and button
 Removable holster pockets in Cordura®, detachable with zipper
- · Two easy-to-access slant pockets
- · Multi-functional pocket with integrated ID badge holder
- · Multi-functional pocket with hammer holder ring
- · Two back pockets with flap and Velcro
- · High back
- · Cordura® reinforced leg bottom
- · Heat-transfer reflective band
- · High performance seams

MC4127EE COLOUR: high visibility yellow/black





EN ISO 20471



MC4013E1 GLAMOUR COAT EN ISO 20471 CLASS 3 EN 343



MATERIAL: Wonderflex fabric, 100% PU coated polyester, 190 gr/m²

COLOUR: high visibility yellow

SIZES: S-3XL

- \cdot Concealed zipper closure with snap buttons
- Foldaway hood with elastic edge
 Waterproof pockets with button closure
- · Elasticated windproof cuffs
- · Reflective piping on the shoulders

MC4013H1

COLOUR: high visibility orange



EN ISO 20471 MC4011E1 GLAMOUR JACKET EN ISO 20471 CLASS 3 EN 343

EN 343



MATERIAL: Wonderflex fabric, 100% PU coated polyester, 190 gr/m^2

COLOUR: high visibility yellow

SIZES: S-3XL

- Concealed zipper closure with snap buttons
 Foldaway hood with elastic edge
 Elasticated windproof cuffs

- · Waterproof pockets with button closure
- · Reflective piping

MC4011H1

COLOUR: high visibility orange



EN ISO 20471 MC4014E1
GLAMOUR TROUSERS
EN ISO 20471 CLASS 3 (IN COMBINATION WITH THE JACKET)

EN 343



MATERIAL: Wonderflex fabric, 100% PU coated polyester, 190 gr/m² **COLOUR:** high visibility yellow

SIZES: S-3XL

· Elastic waistband

MC4014H1 COLOUR: high visibility orange

SIZES: S-4XL















MC4012H1 **OXFORD GLAMOUR JACKET** EN ISO 20471 CLASS 3 EN 343

MATERIAL: 100% heat-sealed PU coated polyester

COLOUR: high visibility orange

SIZES: S-3XL

- · Concealed central zipper closure
- · Foldaway hood with drawstring
- · Elastic windproof cuffs
- · Waterproof pockets with flap
- · Covered ventilation mesh on the shoulders
- · Double reflective band

MC4012E1

COLOUR: high visibility yellow





MC4015H1 OXFORD GLAMOUR TROUSERS

EN ISO 20471 CLASS 3 (IN COMBINATION WITH THE JACKET) EN 343

MATERIAL: 100% heat-sealed PU coated polyester **COLOUR:** high visibility orange

SIZES: S-3XL

- · Fly with snap button closure
- · Elasticated waistband
- · Exterior-to-interior access on the sides
- \cdot Ankle adjustment with snap buttons
- · Double reflective band

MC4015E1

COLOUR: high visibility yellow



OXFORD GLAMOUR JACKET EN 343

MATERIAL: 100% heat-sealed PU coated polyester

COLOUR: blue SIZES: S-3XL

- · Concealed central zipper closure
- · Foldaway hood with drawstring
- · Elastic windproof cuffs
- · Waterproof pockets with flap
- · Covered ventilation mesh on the shoulders
- · Flame retardant and antistatic properties
- · Reflective band



OXFORD GLAMOUR TROUSERS

MATERIAL: 100% heat-sealed PU coated polyester

COLOUR: blue SIZES: S-3XL

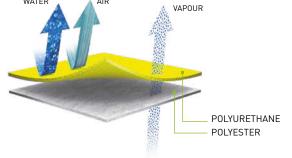
- · Fly with snap button closure
- · Elasticated waistband
- $\boldsymbol{\cdot}$ Exterior-to-interior access on the sides
- · Ankle adjustment with snap buttons
- · Flame retardant and antistatic properties
- · Reflective band



RAINWEAR MC4312E5 OCEAN RAINCOAT MATERIAL: Polyester/PVC 250 g/m² COLOUR: yellow SIZES: M-2XL **OCEAN** RECOMMENDED FOR Consisting of: · Knee-length · Heat-sealed seams FABRIC **POLYESTER/PVC** Front buttons closure with inner flap Hood with drawstring Two waterproof pockets with flap • CONSTRUCTION • LOGISTICS • TRANSPORT · Elasticated windproof cuffs CAYENNE FORESTRY AND No picture: **WOOD PROCESSING** FABRIC MC4312TO COLOUR: olive green SIZES: S-2XL **INDUSTRY NYLON / PVC** AGRICULTURE, FISH **INDUSTRY** PLANTS **MAINTENANCE OCEAN SET** MATERIAL: Polyester/PVC 250 g/m² **COLOUR:** yellow SIZES: S-2XL Consisting of: Heat-sealed seams Coat with zipper and buttons closure Load with Japper and bottoms closure Internal flap Hood with drawstring Two waterproof pockets with flap Elastic windproof cuffs Trousers featuring a central fly with button Elastic waistband Ankle adjustment with snap buttons COLOUR: olive green SIZES: M-2XL 208







WONDERFLEX IS A FABRIC MADE WITH A LAYER OF POLYURETHANE ON A POLYESTER BASE. THE **ELASTICITY** AND **FLEXIBILITY** PROPERTIES OF THIS FABRIC ARE AMAZING, SUPPORTING ANY KIND OF MOVEMENT, EVEN IN EXTREME COLD CONDITIONS. EXTREMELY RESISTANT TO WEAR-AND-TEAR, ABRASION AND TENSION.





MC4314Q5

SUN CITY JACKET EN 343

MATERIAL: Wonderflex, waterproof and breathable

COLOUR: blue SIZES: S-3XL

- Concealed zipper and button closure
 Foldaway hood with elastic edge
- · Elasticated windproof cuffs
- · Waterproof pockets

MC4314K1 coLouR: white

MC4314H1 COLOUR: high visibility orange SIZES: S-2XL



MC4315Q5 SUN CITY TROUSERS EN 343

MATERIAL: Wonderflex, waterproof and breathable

COLOUR: blue SIZES: S-3XL

· Elastic waistband

MC4315K1 COLOUR: white SIZES: S-2XL

MC4315H1 COLOUR: high visibility orange SIZES: S-3XL



MC4316Q5 SUN CITY RAINCOAT EN 343

MATERIAL: Wonderflex, waterproof and breathable

COLOUR: blue

SIZES: S-2XL

- · Knee-length
- · Concealed zipper and button closure
- · Foldaway hood with elastic edge
- Elasticated windproof cuffs Waterproof pockets

MC4316H1 COLOUR: high visibility orange



MC4414AM GUINEA BODYWARMER

 $\textbf{MATERIAL:} \ \ \text{Fleece fabric 100\% polyester, 300 g/m}^2$

COLOUR: grey SIZES: S-2XL

- Concealed anti-tangle zipper closure with inner flap
 Side pockets with zipper closure
 Chest pocket with zipper in contrasting colour
 Collar, waistband and armhole trims in contrasting colour
- · Inner pockets



MC4416Q5 DARWIN BODYWARMER

MATERIAL: 65% polyester and 35% cotton, 200 g/m² padding

COLOUR: blue SIZES: S-3XL

MC4416A9

COLOUR: grey

MC4416S0 COLOUR: green







MC4412P7 HARRYS BODYWARMER

MATERIAL: PVC coated Nylon fabric, 200 g/m² padding COLOUR: blue

SIZES: S-3XL

- Two lower pockets with integrated side muff pockets
 Chest pocket with zipper closure
 Flannel lining
 Piping on chest and yoke
 Inner pocket with Velcro

MC4415Q7 KENDO BODYWARMER

MATERIAL: PU coated 100% Nylon fabric, 240 g/m² padding

COLOUR: blue SIZES: S-3XL

Zipper closure
 Muff pockets with knitted trim
 Vertical zippered chest pockets
 Adjustment drawstring at the bottom
 Two inner pockets, one of which with Velcro and the other with zipper closure and inner phone compartment in mesh fabric, with

Velcro fastening



COLOUR: grey

MC4415Z9

COLOUR: black





COLD RESISTANT BODYWARMERS





MC4411B6 KAISER BODYWARMER

MATERIAL: C-Tex 100% polyester fabric, fleece lined with 200 g/m² padding

COLOUR: grey SIZES: S-3XL

- · Multi-pocket
- · Two-way zipper closure
- · Comfort knitted collar
- $\boldsymbol{\cdot}$ Top right phone pocket and left pocket with concealed badge holder, with flap and Velcro

MC4411P0 colour: blue MC4411TO COLOUR: army green

G/M²





MC4418PP

BOXTER BODYWARMER

MATERIAL: PU coated 100% polyester Taslon,

9

200 g/m² padding COLOUR: blue/black

- SIZES: S-3XL · Zipper closure
- · Zippered vertical chest pocket
- · Zippered lower pockets
- · Two internal pockets, one with zipper and the other with Velcro
- · Reflex inserts on yoke
- · Piping on back yoke
- · Adjustable waistband with Velcro







MC4417Z9 PASSION BODYWARMER

MATERIAL: 100% Nylon with PU coating, 300 g/m² padding

COLOUR: black SIZES: S-3XL

- Central zipper closure
 Muff pockets
 Comfort knitted inner collar
 Windproof stretch armhole
 Knitted waistband



EN ISO 20471 MC4413P7 CAPRICORNO BODYWARMER EN 20471 CLASS 2

MATERIAL: Pongee outer fabric, polyester lining 140 g/m², padding 200 g/m²

COLOUR: blue/high visibility yellow

SIZES: S-3XL

- Reversible model
 Two-way zipper closure
 Zippered chest pockets
 Reflective piping on chest
 Reverse side: two pockets with flap and Velcro D-ringHeat-sealed reflective bands











COMBI STRETCH





 $\begin{tabular}{ll} \textbf{MATERIAL:} Softshell fabric, tear resistant ripstop Nylon, \\ 100 \ g/m^2 \ padding \end{tabular}$

COLOUR: blue with black inserts

SIZES: S-3XL

- · Zippered chest pocket · Two lower pockets
- · Reflex details
- $\boldsymbol{\cdot}$ Softshell inserts on sleeves with high frequency treatment
- · Body in tear resistant Ripstop Nylon





MC4222C4 MOON JACKET

MATERIAL: Thick jersey and Nylon, 100 g/ m² padding

COLOUR: grey SIZES: S-3XL

- Extremely lightweight, warm and windproofHigh windproof collar

- Two lower pocketsBody in padded Nylon
- · Wrinkle resistant fabric

PADDING





MC4224QJ JASPER JACKET

NEW

MATERIAL: Ultralight Nylon fabric, antipilling jersey coupled with fleece, 100 g/m² padding COLOUR: navy blue/grey

SIZES: XS-3XL

- Zippered chest pocket
 Two lower pockets with zipper
 Strech profiles on hood, cuffs and bottom

NEW MC4223Z9 CABOTO SWEATSHIRT

MATERIAL: Stretch softshell fabric, 100% polyester, 100 g/m²

padding

COLOUR: black SIZES: S-3XL







SOFTSHELL











MC4211L5 NAVIGATOR BLOUSON

MATERIAL: Softshell fabric 100% polyester, lining in 144-filaments micro-fleece, weight 350 g/m²

COLOUR: red SIZES: S-3XL

- $\cdot\,$ Central zipper closure with windproof and anti-tangle internal flap and close end

 Zippered muff pockets
- · Zippered chest pocket
- · Elastic knitted cuffs
- · Drawstring waistband
- · Inner document pocket in mesh fabric with zipper closure

MC4211Q7 COLOUR: blue SIZES: XS-3XL

MC4212Q7 NAVIGATOR BLOUSON

MATERIAL: Softshell fabric 100% polyester, lining in 144-filaments micro-fleece, weight 350 g/m²

COLOUR: blue SIZES: XS-XL

· Ladies' model



freedom of movement

9

VAPOUR

POLYESTER FABRIC

POLYESTER MICRO-FLEECE



· Embossed construction and elastic structure

Central zipper closure with inner windproof flap
 Wear resistant inserts in contrasting black fabric on arms, shoulders and pockets

· Heat-sealed chest pocket and zippered muff pockets

Inner pocketsWaistband and cuffs in soft elastic knit

MC3118Z9 COLOUR: black



MC4214HG STARFLEX JACKET

MATERIAL: Softshell fabric 100% polyester coupled with fleece lining, breathable, 350 g/m²

COLOUR: high visibility orange/blue

SIZES: S-3XL

WEIGHT

G/M²

Central zipper closure
 Detachable sleeves with zipper
 Side and chest pockets with taped zipper closure with water resistant reflective flap

· Knitted cuffs

· Reflective striping over the shoulders

MC4214PL

COLOUR: petroleum blue/blue

MC4214RB

COLOUR: green/blue

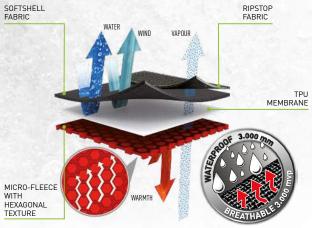




SIR SAFETY HARD WEAR

SOFTSHELL









MC2564Z9

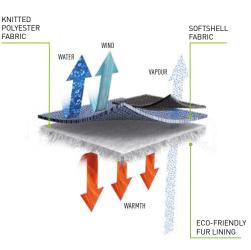
SHARK SOFTSHELL JACKET

 $\textbf{MATERIAL:} \ Softshell \ fabric, 96\% \ polyester \ and \ 4\% \ spandex \ with \ TPU \ membrane, weight \ 350 \ g/m^2$

COLOUR: black SIZES: XS-4XL

- · Central water repellent zipper
- · Two lined side pockets
- · Pen holder pocket
- · Concealed badge holder
- · Inner pocket with zipper
- · Inner phone pocket
- · Two wide inner pockets
- · Drawstring adjustement at the bottom
- · Windproof stretch inner cuffs
- · Reflex inserts









MC2554BM

SCORPION HYPERFLEECE JACKET

MATERIAL: 100% polyester knitted fabric, fleece lining,

460 g/m²

COLOUR: grey melange/black

SIZES: XS-4XL

- · Central zipper closure
- · Zippered chest pocket with concealed ID badge holder
- · Two fleece-lined muff pockets
- · Two inner pockets
- · Reinforcements in Softshell stretch fabric
- · Adjustable cuffs with Velcro
- · Reflex inserts
- · Reflective piping on back yoke

MC2554PM COLOUR: petroleum blue melange/black





MC2544Z9 DOLPHIN PADDED SOFTSHELL JACKET



MATERIAL: Softshell fabric, 96% polyester and 4% spandex with TPU membrane, weight 240 g/m², 120 g/m² padding

COLOUR: black SIZES: XS-4XL

- Concealed central zipper closure
 Reinforcements in Ripstop stretch fabric
 Chest pocket with water repellent zipper closure
 Two side pockets with anti-tangle zipper closure
 Inner phone pocket, inner zippered pocket and inner oversized pocket for tablets up to 10"
 Detachable hood with adjustable elastic drawstring
 Zippered under-arm vents with mesh interior
 Reflex inserts

HARDYE

PATROL

PADDING G/M²

NEW

MC4727Z9 PATROL BLOUSON

MATERIAL: Tear resistant ripstop Nylon fabric with PU coating, 220 g/m² padding

COLOUR: black/red

SIZES: S-3XL

· Three zippered pockets, one on chest

· Pen holder pocket on chest

· Bottom and collar with elasticated edge

· Elasticated cuffs

MC4727S6 COLOUR: bottle green/lime

MC4727P7 COLOUR: air force blue/red

MC4727L9

COLOUR: red/grey

MC4727B6 COLOUR: grey/black







MULTIPURPOSE PILOT JACKETS





restyled

THERMO MULTI-POCKET PILOT JACKET

MATERIAL: 65% polyester, 35% cotton and 160 g/m² padding

- $\boldsymbol{\cdot}$ Concealed zipper and metal snap buttons closure
- · Detachable sleeves with zipper
- · Chest pocket with Velcro fastening, fitted with a pen holder





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- Chest pockets with reflective piping, closed with flap and Velcro
 Right chest pocket with additional small pocket with water resistant zipper closure
 Concealed ID badge holder

- Inner pocketElastic waist sides
- · Cuffs in elasticated knit fabric, adjustable with Velcro
- Muff pockets
 Hi-vis yellow inserts and reflective striping Inner jacket detachable with zipper:
 Elastic knit cuffs, collar and waistband
- · Zipper closure, detachable sleeves, muff pockets
- · Reflective band around waist and sleeves

MC4724CD COLOUR: grey/orange







MATERIAL: PU coated polyester Twill fabric, with 220 g/m² padding on body and 180 g/m² on sleeves

COLOUR: navy blue SIZES: S-3XL

- Warm, waterproof and breathable
 Concealed zipper closure with snap buttons
- · Collar lining and cuffs in fleece fabric
- Detachable lined hood adjustable with drawstring
 Four three-dimensional pockets with flap and snap buttons
- · Multi-purpose pocket with flap and Velcro with complete opening, badge holder, pen holder, phone pocket and many compartments
- · Two inner pockets
- · Side muff pockets
- · Elasticated cuffs adjustable with Velcro

MC4715Z9 COLOUR: anthracite MC4715SO COLOUR: green

MC4711PN

GRIZZLY JACKET

MATERIAL: 60% polyester and 40% cotton fabric with Teflon® treatment, providing brightness and water resistance, 180 g/m² padding

COLOUR: blue/yellow inserts

SIZES: S-3XL

- Concealed central zipper closure with snap buttons
 Padded hood with drawstring, detachable with zipper
 Chest pockets with flap and button
- · Left pocket with concealed badge holder
- Vertical zippered pocket
 Phone pocket on left forearm, right pocket with D-ring
- · Detachable sleeves with zipper
- $\cdot \ \text{Elasticated knit cuffs}$
- · Waistband with Velcro on sides
- Concealed muff pockets with zipper closure
 Three inner pockets and phone pocket with flap and Velcro fastening
- · Inner compartment with zipper
- · Reflective piping and reflective bands on shoulders, sleeves and waist



MC4720P0

SIBERIAN SPLIT JACKET

EN 343

MATERIAL: PVC coated 100% polyester Lining: 100% polyester, 180 g/m²

COLOUR: blue SIZES: XS-3XL

- · Four-in-one model, waterproof with detachable inner jacket
- · Foldaway hood with drawstring
- · Side pockets and three-dimensional pockets with waterproof flaps and Velcro
- · Mobile phone pocket and pen holder on the right
- · Concealed badge holder on the left
- · Waist drawstring
- Detachable inner jacket with buttons that can be worn separately:
- · Detachable sleeves with zipper
- · Snap buttons closure and inner pocket
- · Muff pockets and windproof knit cuffs

MC4721P0 POLICE JACKET



MATERIAL: PVC coated 100% polyester Lining: 100% polyester, 180 g/m²

COLOUR: blue SIZES: XS-3XL

- · Four-in-one model, waterproof with detachable inner jacket
- · Foldaway hood with drawstring
- · Side pockets and three-dimensional pockets with waterproof flaps and Velcro
- Mobile phone pocket and pen holder on the rightConcealed badge holder on the left
- · Waist drawstring
- · Reflective bands around sleeves, chest and bottom of the jacket Detachable inner jacket with buttons that can be worn separately:
- · Detachable sleeves with zipper
- · Snap buttons closure and inner pocket
- · Muff pockets and windproof knit cuffs









MC4719P0 SIBERIAN JACKET EN 343

MATERIAL: Outer: PVC coated 100% polyester, waterproof with 150 g/m² padding COLOUR: blue SIZES: S-3XL

- Concealed zipper closure with windproof flap and Velcro fastening
 Side three-dimensional pockets and chest pockets with waterproof flap and Velcro, with concealed badge holder on the left
 Vertical zippered pocket on the right
 Windproof elasticated knit cuffs
 Inner pocket fastened with Velcro

STORM PROOF

MC4712Q4 DAYTONA JACKET

MATERIAL: PU coated Polyester Ripstop fabric, 160 g/m² padding

NEW

COLOUR: blue SIZES: S-3XL

- \cdot Central zipper closure with inner and outer flap and concealed snap buttons
- · Elasticated cuffs
- Zippered waterproof chest pocket
 Chest pocket with flap and ID badge holder loop
 Two lower pockets with wear-resistant trims
- · Foldaway hood
- Inner pocket closed with VelcroInserts in reflective fabric

FOLDAWAY HOOD

LAMINATED RIPSTOP **FABRIC**

WATERPROOF ZIPPER CLOSURES **REFLEX INSERTS**

TAPED SEAMS



SAFETY SYSTEM















MC4713Z9 TRIAL JACKET

MATERIAL: Twill Stretch bilaminate Clipper-Tex fabric, polyester lining, Nylon inner with 120 g/m² padding

COLOUR: black SIZES: S-4XL

- · Three-in-one model with detachable inner jacket
- · Heat-sealed seams

- Concealed zipper closure with snap buttons
 Foldaway hood, adjustable with drawstring
 Zippered waterproof chest pocket
 Chest pocket with flap and badge holder loop
- · Muff pockets on sides
- Elasticated cuffs adjustable with Velcro
 Internal pocket with Velcro fastening

- Inserts in reflective fabric
 The inner jacket, which can be worn separately, it is fitted with:
- · Two side zippered pockets
- · Inner wallet pocket with Velcro closure
- · Abrasion resistant polyester cuffs



MC4717Z9 TRIAL TROUSERS

EN 343

MATERIAL: Twill Stretch bilaminate Clipper-Tex fabric,

polyester lining COLOUR: black SIZES: S-3XL

- · Elasticated waistband with string closure
- · Interior-to-exterior side openings
- · Back pocket with flap and Velcro
- · Inserts in reflective fabric



ACCESSORIES



MC2311K1 WOMEN'S HAIRNET

MATERIAL: 100% cotton COLOUR: white SIZES: one size fits all

- · Wide cotton hairnet with peak
- · Hairnet in perforated cloth



MC2314K1 MEN'S CAP

MATERIAL: 100% cotton COLOUR: white SIZES: one size fits all



MC2321K1 BAHAMAS CAP

MATERIAL: 100% cotton and polyester mesh fabric

COLOUR: white **SIZES:** one size fits all

- · Baseball cap
- · Adjustable width



MC6516K1 ORINOCO CAP

MATERIAL: Natural grain leather

COLOUR: white
SIZES: one size fits all

- · Internal lining
- · Adjustment strap



MC2317P0 LAVA BEANIE

MATERIAL: 100% acrylic knit

COLOUR: blue **SIZES:** one size fits all



MC2316P0 BALACLAVA

MATERIAL: Fleece 100% polyester

COLOUR: blue **SIZES:** one size fits all

· Extremely light and protective



MC2326P0 CUCULO BEANIE

MATERIAL: 50% wool, 50% acrylic

COLOUR: blue **SIZES:** one size fits all



MC2320P0 FLEECE BEANIE

MATERIAL: 100% polyester

COLOUR: blue
SIZES: one size fits all

MC2320L0 COLOUR: red

MC2320S6 COLOUR: bottle green

MC2320Z9 COLOUR: black
MC2320NO COLOUR: royal blue

MC2320H0 COLOUR: orange



MATERIAL: 100% polyester

COLOUR: blue **SIZES:** one size fits all

 \cdot Elastic adjustment drawstring that turns it into a cap

MC2319L0 COLOUR: red
MC2319B0 COLOUR: grey
MC2319Z9 COLOUR: black



MC2325Z9 SONNY HEADBAND

MATERIAL: 100% polyester COLOUR: black SIZES: one size fits all



MC2315P0 COLD RESISTANT CAP

MATERIAL: 100% Nylon COLOUR: blue SIZES: one size fits all

• Ear flaps with snap buttons-fastening



MC2323P0 DALLAS CAP

MATERIAL: Cotton and polyester, denim fabric

COLOUR: blue **SIZES:** one size fits all

· Baseball cap

 Side and rear area in polyester mesh for an enhanced breathability

· Width adjustable with Velcro



MC2332P0 VANCOUVER CAP

MATERIAL: 100% cotton
COLOUR: blue with red inserts
SIZES: one size fits all

· Baseball cap

· Thicker brim in contrasting colour

· Width adjustable with Velcro



MC2312E0 ASTRONAUTA CAP

MATERIAL: 100% cotton COLOUR: yellow SIZES: one size fits all

· Pre-curved brim

 $\cdot \ \mbox{Width adjustable with Velcro}$



MC2312P0 COLOUR: blue



MC2312H0 COLOUR: orange



MC2312S0 COLOUR: green



MC2312N0 COLOUR: royal blue



MC2312L5 COLOUR: red



MC2312K1 COLOUR: white



MC2324PC NEW YORK CAP

MATERIAL: 100% cotton

COLOUR: light blue/blue with white profile

SIZES: one size fits all

· Width adjustable with Velcro



MC2313N0

ASTRONAUTA ITALY CAP

MATERIAL: 100% cotton twill, high frequency applications

COLOUR: royal blue **SIZES:** one size fits all

· Baseball cap

· Width adjustable with Velcro

MC2313K1 COLOUR: white



MC2334E1 HIGH VISIBILITY CAP

MATERIAL: 100% polyester 120 g/m², 100% mesh polyester 110 g/m²
COLOUR: high visibility yellow

SIZES: one size fits all

· Mesh fabric insert

 $\boldsymbol{\cdot}$ Reflective inserts on cap and brim



ACCESSORIES



MC4952 MUFF HOLDER HOOK

- · Muff or glove hook
- · Belt attachment



MC4953 GLOVE HOLDER HOOK

- · Glove hook
- Carabiner for attachment on belt loops



MC4954 CAP HOLDER HOOK

- · Helmet hook
- Carabiner for attaching on belt loops



MC4949 TIBIA SAFE

MATERIAL: Polyester, EVA foam, TPU, Nylon

COLOUR: black **SIZES:** one size fits all

- · Tibial protection and knee pad
- Protects from small splinters, splashes and impacts
- · Adjustable elastic bands



MC4950 K-SUPPORT BACK PROTECTION

MATERIAL: Rubber, polyester, Nylon

COLOUR: black SIZES: S-2XL

- · Back support for heavy-duty jobs
- Provides support when lifting loads, in order to maintain correct posture

· Velcro fastening



MC4947
PPE BAG BELT POUCH

MATERIAL: 100% polyester COLOUR: black SIZES: Height 14 cm

- Compartments to carry filters and half mask
- Protects from dirt and small accidental impacts



MC4948 HELMET BAG

MATERIAL: 100% polyester COLOUR: black SIZES: 38 x 40 cm

- · Mesh fabric for better breathability
- · Drawstring closure
- Protects the helmet from scratches and makes it easier to carry



MC4911

KGUARD KNEE PAD

EN 14404

MATERIAL: Lightweight EVA foam

COLOUR: black **SIZES:** one size fits all

- · Variable thickness, tortoise shell design
- · Ergonomic shape
- · Multi-groove pattern
- Dimensions 23x17.5 cm



MC4925

HARD WEAR BELT

MATERIAL: 80% polyester, 20% cotton

COLOUR: black **SIZES:** one size fits all

- · Nickel-free metal buckle
- · Quick and easy locking system
- · 40 mm rigid fabric for extra durability
- · Max length 125 cm



MC4951N0

MATERIAL: ABS COLOUR: light blue **SIZES:** 38 x 20 x 55 cm

- Telescopic aluminium handle
 Expandable by 5 cm, for 25% additional capacity
- · Four noiseless wheels with 360° motion
- · Combination lock
- · Inner partition pockets



MC4922QR PACIFIC TROLLEY

MATERIAL: Nylon **COLOUR:** navy blue/red **SIZES:** 35 x 30 x 60 cm

- · Semi-rigid trolley bag
- · Three outer pockets
- · Two-way zipper closure
- · Retractable telescopic handle



MC4923QR PACIFIC TROLLEY

MATERIAL: Nylon SIZES: Height 50 cm



MC4916B0 **COPENAGHEN BAG**

MATERIAL: Extra-strong Nylon fabric

COLOUR: grey/black **SIZES:** 70 x 37 cm

- · Zippered side pockets
- · Adjustable and retractable aluminium handle
- · Two handles
- · Rubberized aluminium wheels



MC4920L0 **ALEXIS BACKPACK**

MATERIAL: Light Nylon fabric

COLOUR: red **SIZES:** 41 x 30 x 14 cm

- · Outer mesh pocket
- · Various compartments
- · Zipper closures
- · Side buckles
- · Retaining rings

MC4920P0 COLOUR: blue MC4920Z9 COLOUR: black MC4920B0 COLOUR: grey MC4920H0 COLOUR: orange



MC4914N0 SPORT BAG

MATERIAL: Polyamide COLOUR: light blue **SIZES:** 34 x 53 x 44 cm

- · Lower hard part to store shoes
- · Flexible top part for clothes

MC4914Z9 COLOUR: black MC4914B0 COLOUR: grey MC4914R6 COLOUR: green MC4914L0 colour: red MC4914H0 COLOUR: orange MC4914E0 COLOUR: yellow MC4914P0 COLOUR: blue



MATERIAL: two-tone fabric COLOUR: black/camo **SIZES:** 25 x 29 x 60 cm

- · Waterproof zipper on the three outer pockets
- · Two handles
- · Adjustable shoulder strap



MC4918X5 OVERLAND BELT POUCH

MATERIAL: two-tone fabric COLOUR: black/camo SIZES: Height 15 cm





STANDARDS FOR SAFETY FOOTWEAR:

Footwear for professional use is Personal Protective Equipment (PPE) designed and manufactured to protect the worker's feet from various risks: mechanical (slipping, impact, compression, puncture, cut etc.), chemical (contact with hydrocarbons, mineral oils etc.), physical (moisture, water, heat, cold etc.) and electrical (antistatic properties, conductive properties etc.).

and electrical (antistatic properties, conductive properties etc.).
It is subject to the essential requirements set forth by EU Regulation 2016/425 for ergonomics, harmlessness, comfort and efficacy. The protective features of the footwear varies according to the specific needs of use. The selection of the right footwear for professional use depends on its protective features and on the risks present in the working environment.

Available in a variety of materials, footwear for professional use is divided into two classes:

ı	footwear in leather or other materials, excluding shoes entirely in rubber or polymers (e.g. shoes with leather uppers and sole in polyurethane or rubber);
II	footwear entirely in rubber or polymers (e.g. boots entirely in rubber or PVC)

Both classifications may also be divided into a further 3 types, based on the protection features:

Safety footwear		fitted with protective toecap against impacts with energy up to 200 J or a compression load up to 15 kN (in compliance with European harmonized standard EN ISO 20345)
Protective footwear		fitted with protective toecap against impacts with energy up to 100 J or a compression load up to 10 kN (in compliance with European harmonized standard EN ISO 20346)
Work footwear		without protective toecap (EN ISO 20347)

All footwear for professional use must comply with some basic requirements concerning duration, comfort and harmlessness of the materials.

They must also assure slipping resistance with specific protection concerning the reduction of the slipping hazard on wet surfaces, divided into three levels:

S	SRA	test carried out on ceramic floor covered with water and detergent
S	SRB	test carried out on steel floor covered with glycerine
5	SRC	both the tests described above (SRA + SRB)

In addition, supplementary protection may be required against specific risks (mechanical, chemical, physical and electrical risk), such as: antistatic properties, energy absorption in the heel area, sole resistance to hydrocarbons, water penetration and absorption through the upper, penetration resistance of the outsole, cold or heat insulation, metatarsal protection etc.

Finally, certain supplementary protection categories are set out which sum up the most common protective features, divided into several markings:

S 1	includes closed heel area, antistatic properties, energy absorption properties in the heel area and sole resistant to hydrocarbons
S2	like S1 + penetration resistance and water absorption through the upper
S 3	like S2 + puncture resistant midsole and deep sole grooves
S4	like S1 (only valid for class II entirely of rubber or polymer footwear)
S5	like S4 + puncture resistant midsole and deep sole grooves

The code "S" identifies the safety categories for safety footwear (EN ISO 20345). Similar categories are set out for "P" coded protective footwear (EN ISO 20346) and "O"coded work footwear (EN ISO 20347). The protection features offered by the footwear can be inferred from the markings on the footwear, providing the following indications:

- · **C €** marking;
- · shoe size;
- · manufacturer's name or logo;
- · article code;
- manufacturing date;
- benchmark standard;
- · symbols and/or category of the protection offered.

Each pair of shoes also comes with an information note indicating the correct methods of use, storage and maintenance, cleaning and/or disinfection/decontamination, explanation of the marking and specific information for certain protection categories.

For specific risk situations, special footwear with specific additional protection is required. This includes footwear designed for cut protection against portable chainsaw, electrically insulating, specific for Fire Brigades, ESD.

Footwear designed for cut protection against portable chainsaw is fitted with special cut resistant fabric in the front part

This material is able to slow down and block the saw chain thanks to the high tenacity fibres. This is the most effective method to block a chain saw before it can cut the entire thickness of the upper, preventing it from reaching the inner lining and, therefore, the user's leg.

Three protection levels are set forth, establishing different levels of cut resistance based on chain speed:

Class 1	20 metres/second
Class 2	24 metres/second
Class 3	28 metres/second

This footwear must be used with specific protective clothing, such as cut protection gloves, jackets, trousers, bib-trousers or coveralls.

Electrically insulating boots protect the user against electric shocks, preventing the passage of dangerous electric current through the feet.

These boots must meet standard EN 50321 which sets forth two protection classes:

Class 00	for installations with nominal voltage up to 500 VAC and 750 VDC
Class 0	for installations with nominal voltage up to 1000 VAC and 1500 VDC

Electrically insulating footwear is marked with a specific pictogram and indication of its protection class.

Footwear for the Fire Brigade and, in general, for risks arising from fire fighting has the purpose of protecting the user's feet and legs from injuries or damage that may be caused during operations: crushing of the toes; impact of heavy objects on the toes; foot puncture for trampling on sharp objects; impacts in the heel area; contact with hot surfaces; contact of feet and legs with water and moisture; radiant heat; flames.

Standard EN 15090 sets forth three different types of footwear:

Type 1	footwear suitable for external operations, forest fires; no protection against puncture, no toe protection, no protection against chemical risks. Footwear suited for generic rescues, fire fighting involving vegetable fuel such as forests, shrubs, plantations and grass
Type 2	footwear suitable for all fire and rescue operations where protection against puncture and toe protection is required, but no protection against chemical risks. Footwear suitable for fire fighting, fire suppression, checking the stability of structures and buildings, vehicles, ships and structures involved in fires or emergency situations
Туре 3	footwear suitable for all fire and rescue operations where protection against puncture and toe protection is required, including protection against chemical risks. Footwear suitable for emergencies involving the release, even potential, of dangerous chemicals into the environment which may cause loss of human life, personal injury or damage to structures and the environment. Also suitable for fire rescue, fire suppression and consolidation of structures in aircraft, buildings, closed structures, vehicles, ships or similar structures that are involved in a fire or emergency situation (valid only for class II footwear made entirely of rubber or polymer)

Firefighters footwear is marked with a specific pictogram and indication of the Type.

Static electricity occurs through the superficial and localised accumulation of electric charges on a body made of electrically insulating material. This phenomenon can be caused by rubbing, separation, contact or by induction: the body that loses electrons is positively charged while the one that acquires them is negatively charged. The difference in electrostatic potential between two bodies may cause a discharge (shock) when they are drawn near and the environmental conditions may affect the amplitude of the phenomenon: for example if you walk on an insulating floor such as carpeting using insulating shoes, the electrostatic potential on the human body at low humidity (below 15%) may exceed 40,000 volts.

Therefore the management of electrostatic charges through the use of conductive and/or dissipative products is decisive.

Work areas protected and designed for handling sensitive components to the phenomenon of electrostatic charges are commonly defined as EPA (ESD Protected Area) while those at risk of explosion are defined as ATEX

In both cases they require using dissipative/conductive materials and grounding not only of the components but also of the operator, for example through the person/footwear/floor connection. There are a number of devices that may be used to ground the operator and, among these, footwear with ESD characteristics in combination with a dissipative floor is widely used.

In the cases where the worker needs to be protected from one or more risks for its health or safety (in addition to the workplace), using footwear for professional use with ESD specifications becomes mandatory.

The acronym ESD stands for Electro Static Discharge and indicates a discharge of static energy from one body to another. These discharges may reach values higher than 15,000 V, although they do not generally exceed 5,000 V, as is the case with the classic "shock" which one sometimes feel when getting out of one's car

In workplaces at risk, ESD discharges may cause even serious accidents – they may trigger a fire if there are flammable materials – and may damage electronic equipment or its sensitive components.

It may be used in the production of sensitive electrical parts, painting, medical field, in works involving flammable liquids and/or gas etc.

Standard EN 61340 specifies the features of the protection systems to be used to assure reliable grounding, defining among other things the electrical resistance features of the footwear and the floor/footwear system, in order to maintain the operator's electrical potential values (HBV – Human Body Voltage) lower than 100 Volt even in low humidity premises.

Footwear for professional use with ESD specifications is designed and manufactured to protect the user from electrostatic discharges in workplaces at risk.

ESD marked footwear is electrically dissipative, i.e. it constantly discharges to the ground the static electricity accumulated by the human body. ESD footwear is recognizable by

its yellow pictogram proving its specific conformity.

ESD

Work footwear conforming to German standard DGUV 112-191

Orthopaedic problems, which affect a significant portion of the adult population, have repercussions on the entire musculoskeletal system and on physical performance. The EN ISO 20345 standard requires protective footwear to be used only with the footbed inserted and that it should only be replaced by a similar one, provided by the original manufacturer of the footwear. The use of an orthopaedic device in place of the normal footbed may then entail a change/loss of the technical and protective characteristics of the shoe. Models bearing the DGUV 112-191 mark ensure that the certification of the entire shoe has been maintained and therefore its safety specifications, even with the use of an orthopaedic footbed.



Main features

30 TEX

In polyester, especially designed to assure foot aeration thus reducing the effect of perspiration.



In polyester, with high draining power due to the high absorbing properties of the fabric and structure.



Uses materials with excellent cold insulation properties.

TNT

Synthetic material, polypropylene, in non-woven fabric.

THINSULATE

Lining in Thinsulate fabric with very high cold insulation, with minimum thickness.

DRY MAX

In polyester, with wider weave design for greater aeration.

MULT

Insole made in multi-perforated EVA material with anti-shock properties, having variable thickness: 3 mm at the front and 10 mm in the heel area.
Polyester lining. Antistatic.

MAXIMUN

Super-footbed made in solid material obtained by joining EVA and RUBBER, having variable thickness: 5 mm at the front and 10 mm in the heel area.

Only suited to footwear in the Maximum range. Antistatic.

Insole made in two-component material with shell in polyurethane foam and memory PU having variable thickness: 4 mm at the front and 9 mm in the heel area. Considerable anti-shock properties.

Antistatic.

Cross W

Insole made with solid material in polyurethane foam with variable thickness: 2.5 mm at the front and 9 mm in the heel area. Lined and perforated in the plantar area with outstanding anti-shock properties. Antistatic.

«RespondeA»

Insole made of high capacity polyurethane foam that is particularly suitable for heavy footwear. Variable thickness: 4.5 mm in the front area and 9 mm in the heel area. With outstanding anti-shock properties and hard-wearing. Lined in the plantar area. Antistatic.

UNCTURE-PROOF

METAL

Steel midsole



Composite midsole with constant 4 mm thickness

F RCE

(PU/PU)

The special sole design assures a highly draining effect in the presence of liquids. Middle area with grooves designed to enhance grip on ladders. Anti-slip SRC standard.

OLE

REACTOR

(PU/TPU)

The wide cell polyurethane sole assures a very high shape memory effect. The TPU outsole assures long life, extreme mechanical resistance, flexibility, softness and hydrocarbon resistance. It has been designed with continuous horizontal grooving that support flexion and foot movements.

Nitril**Plus**

(Nitrile rubber)

Monolithic NITRIL PLUS sole in wear-proof nitrile rubber, particularly heavy, suitable for very rough terrain.



(PU/PU)

Sole in low density polyurethane, light and resistant.

OLE

PULTRE

(EVA/RUBBER)

Sole in highly expanded EVA material, with high anti-shock power, which makes the shoes more flexible and lighter.

Outsole in nitrile rubber which assures perfect adhesion on either dry or wet surfaces.



(PII/Rubber)

Consisting of an inner part in wide cell polyurethane with high memory effect for enhanced cushioning and avoid shocks. The black/red outsole in nitrile rubber with deep grooves is resistant to hydrocarbons, and is non-stip in wet conditions. The red inserts with greater density and hardness give the sole anti-twist features, which make it suitable for gravelly, rocky or uneven environments.

METAL

In steel.

OECAP

In composite.



Fibreglass.

FOOD SECTOR RANGE



MB1414

ARGON

SOLE: SEBS material
TOECAP: steel
COLOUR: light blue
SIZES: 35 - 36 / 45 - 46

EN ISO 20345 SB A E SRC



MB1415K1

BRERA

SOLE: EVA COLOUR: white SIZES: 34 - 47

EN ISO 20347 OB A E SRC CEI EN 61340



NOT IN PHOTO

MB1415N0

COLOUR: light blue



MB1413

RECIFE

UPPER: bicast leather
LINING: synthetic
FOOTBED: leather
SOLE: single-density PU
COLOUR: white

COLOUR: white SIZES: 35 - 46

EN ISO 20347 02 FO SRC



MB1417K1

BLANCA

SOLE: EVA COLOUR: white SIZES: 34 - 47

EN ISO 20347 OB A E SRC CEI EN 61340



Not in photo:

MB1417N0

COLOUR: light blue

MB1417Z9

COLOUR: black



MB1320

CLIMA

UPPER: microfibre
COLOUR: white
SIZES: 35 - 47

EN ISO 20345 SB A E FO SRC



LINING

TOECAP

FOOTBED MULT





MB1318

CLIMA BLACK

UPPER: microfibre COLOUR: black SIZES: 35 - 47

EN ISO 20345 SB A E FO SRC

RECOMMENDED FOR

- HEALTH SECTOR
- FOOD INDUSTRY
- HANDLING AND LOGISTICS
- CLEANERS
- MAINTENANCE TECHNICIANS AND INSTALLERS

FOOD SECTOR WHITE RANGE





SIZES: 35 - 47

EN ISO 20345 S2 SRC



CEI EN 61340







MB1313

PRELUDE

UPPER: microfibre COLOUR: white SIZES: 35 - 47

EN ISO 20345 S2 SRC

FREE







MB1311

EVOK

UPPER: microfibre
COLOUR: white
SIZES: 35-47

EN ISO 20345 S2 SRC



...

FOOTBED MULTI HOLE







UPPER: microfibre
COLOUR: white
SIZES: 35 - 47

EN ISO 20345 S2 SRC







NEW FOBIA

DESPITE THE WIDE FIT, NEW FOBIA IS THE LIGHTEST RANGE IN THE WIDE MARKET FOR SAFETY FOOTWEAR, THANKS TO THE DUAL-DENSITY WIDE CELL POLYURETHANE AND THE THIN SOLE, WHICH ALSO MAKES IT VERY FLEXIBLE AND LIGHT. THE FLAT OUTSOLE DESIGN IS VERY CHARACTERISTIC AND MAKES THE SHOES SUITED TO SMOOTH AND EVEN TERRAIN. WITH ITS MANY ADVANTAGES, THE NEW FOBIA RANGE HAS WON OVER A VERY LARGE NUMBER OF WORKERS.





MB1314

SILVER FOBIA

UPPER: perforated suede leather

COLOUR: grey SIZES: 35 - 47

EN ISO 20345 S1 SRC

LINING

30 TEX

TOECAP

METAL

FOOTBED



SOLE





MB1315

GREY FOBIA

UPPER: perforated suede leather

COLOUR: grey **SIZES:** 35 - 47

EN ISO 20345 S1P SRC

LINING



TOECAP

METAL

PUNCTURE-PROOF



FOOTBED



SOLE



SOLE







MB1322

MB1316

UPPER:

SIZES:

FRÉE

MAGIC FOBIA

Air-Mesh

EN ISO 20345 S1P SRC

COLOUR: black / lime green 35 - 47

RAPID FOBIA

UPPER: Air-Mesh **COLOUR:** black / lime green SIZES: 35 - 47

EN ISO 20345 S1P SRC

LINING

31 TEX

TOECAP

FISERCPS

PUNCTURE-PROOF

FLEX

FOOTBED



SOLE





MB1317

LOW BLACK FOBIA

UPPER: microfibre COLOUR: black SIZES: 35 - 50

EN ISO 20345 S3 SRC



LINING

30 TEX

TOECAP

E CPS

PUNCTURE-PROOF

FLEX

FOOTBED



SOLE





MB1323

CHAMPION FOBIA

UPPER: polyester mesh COLOUR: black / blue SIZES: 35 - 47

EN ISO 20345 S3 SRC



LINING



TOECAP

FISERCPS

PUNCTURE-PROOF



FOOTBED



SOLE





METAL TOP SERIES

THE NEW METAL TOP FOOTWEAR RANGE IS MADE WITH A PARTICULARLY WIDE AND COMFORTABLE SHAPE, WHICH ASSURES GREAT COMFORT. IT HAS BEEN DESIGNED USING WIDE CELL POLYURETHANE WHICH MAKES THE SHOES LIGHT AND HAS A GREAT CUSHIONING EFFECT. METAL TOP IS FOOTWEAR FOR UNIVERSAL USE THAT IS SUITED FOR ALL TYPES OF INDUSTRIAL ACTIVITIES, ASSURING OUTSTANDING RESULTS.



has an anti-stress effect.

01 LACE EYELETS

shock-proof, their three-dimensional shape offers first protection in the event of metatarsus impacts

02 TOECAP

in fibreglass or steel

03 FOOTBED

Multi-Hole in multi-perforated EVA material with high draining power, thickness 3 mm in toe area and 10 mm in heel area

MIDSOLE

"T-FLEX" composite with constant 4 mm thickness or in steel

OVERCAP

assures long shoe duration, by protecting the leather on the front part from the inevitable shocks that occur during work

SOLE

deep grooves with draining effect in presence of liquids and anti-slip SRC standard. Wide groove on the middle area designed to enhance grip on ladders

DIRECTIONAL

Wide grooves in the middle area designed to enhance grip on ladders.





METAL TOP



MB1521

MALIBU

UPPER: suede leather COLOUR: grey SIZES: 35 - 47

EN ISO 20345 S1P SRC

LINING



TOECAP

METAL

PUNCTURE-PROOF



FOOTBED



SOLE





MB1522

MONIX

UPPER: suede leather COLOUR: grey SIZES: 35 - 47

EN ISO 20345 S1P SRC

FRÉE

LINING



TOECAP

FIRERCPS

PUNCTURE-PROOF



FOOTBED



SOLE

FORCE



MB1517

MONITOR

UPPER: suede leather
COLOUR: brown
SIZES: 35 - 47

EN ISO 20345 S1P SRC

LINING



TOECAP

METAL

PUNCTURE-PROOF



FOOTBED



SOLE



LINING

SOLE





MB1519

MB1518

NAOMI

COLOUR: black / blue

35 - 47

EN ISO 20345 S1P SRC

suede leather / Air-Mesh

UPPER:

SIZES:

VIVA

UPPER: suede leather / Air-Mesh

COLOUR: black / red SIZES: 35 - 47

EN ISO 20345 S1P SRC

FREE

LINING



TOECAP







FOOTBED



SOLE





MB1516

FORCE

UPPER: suede leather **COLOUR:** black-grey SIZES: 39 - 47

EN ISO 20345 S1P SRC

LINING



TOECAP



PUNCTURE-PROOF



FOOTBED







METAL TOP



MB1512

ANACONDA

UPPER: grain leather COLOUR: black SIZES: 35 - 47

EN ISO 20345 S3 SRC

LINING

30 TEX

TOECAP

METAL

PUNCTURE-PROOF

METAL

FOOTBED



SOLE





MB1511

ANACONDA

UPPER: grain leather COLOUR: black SIZES: 35 - 47

EN ISO 20345 S3 SRC

FREE

LINING

30 TEX

TOECAP

FIRERCPS

PUNCTURE-PROOF

FLEX

FOOTBED



SOLE

FORCE



MB1527

SANTOS

UPPER: pigmented split leather

COLOUR: black SIZES: 39 - 47

EN ISO 20345 S1P SRC

FREE

LINING



TOECAP

FIBERCPS

PUNCTURE-PROOF



FOOTBED







FENICE

UPPER: grain leather COLOUR: black SIZES: 35 - 47

EN ISO 20345 S3 SRC

LINING

30 TEX

TOECAP

FIBERCPS



FOOTBED

MULTI

SOLE





MB1514

FENICE

UPPER: grain leather
COLOUR: black
SIZES: 35 - 47

EN ISO 20345 S3 SRC

LINING



TOECAP

METAL

PUNCTURE-PROOF

METAL

FOOTBED



SOLE

FURCE



MB1529

WINTER FENICE

UPPER: grain leather COLOUR: black SIZES: 35 - 47

EN ISO 20345 S3 SRC

LINING



TOECAP

E BERCPS

PUNCTURE-PROOF



FOOTBED

MULTI







TOTAL PLANE SERIES



REACTOR PU/TPU

OUTSOLE

IN TPU, RESISTANT TO OIL AND HYDROCARBONS, WITH HIGH MECHANICAL **RESISTANCE AND LONG DURATION**

GROOVES

- WITH OPEN ANGLES TO DRAIN ANY **DIRT BUILD-UP**
- HORIZONTAL TO SUPPORT **FOOT BENDING AND MOVEMENTS**
- INFINITY TYPE FOR LIQUID DRAINAGE





MB1815

CAMARO BLACK

UPPER: Air Mesh COLOUR: black **SIZES:** 35 - 47

EN ISO 20345 S1P SRC CEI EN 61340





LINING



TOECAP

PUNCTURE-PROOF



FOOTBED



SOLE



JUMP

UPPER: Air Mesh
COLOUR: black-grey
SIZES: 39 - 47

EN ISO 20345 S1P SRC



LINING



TOECAP

SYNTCPS

PUNCTURE-PROOF



FOOTBED



SOLE

REACTOR



MB1816

YUCON

UPPER: nubuck leather with fabric inserts

COLOUR: black SIZES: 39 - 47

EN ISO 20345 S1P SRC



LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE

REACTOR





MB1817

SIERRA

UPPER: perforated suede leather

COLOUR: grey **SIZES:** 36 - 47

EN ISO 20345 S1P SRC

LINING



TOECAP

SYNTCPS

PUNCTURE-PROOF



FOOTBED



SOLE

TOTAL PLANE SERIES



MB1823

ZENIT

UPPER: extra strong nubuck leather

COLOUR: black SIZES: 35 - 47

EN ISO 20345 S3 SRC CEI EN 61340



LINING



TOECAP

STATICPS

PUNCTURE-PROOF



FOOTBED



SOLE

REACTOR



MB1824

PLATINUM

UPPER: extra strong nubuck leather

COLOUR: black SIZES: 39 - 47

EN ISO 20345 S3 SRC CEI EN 61340



LINING

30 TEX

TOECAP

CPS

PUNCTURE-PROOF



FOOTBED



SOLE

REACTOR



MB1812

BINOMA

UPPER: suede leather with water repellent

treatment grey-blue SIZES: 39 - 47

EN ISO 20345 S3 SRC

LINING



TOECAP

CPS CPS

PUNCTURE-PROOF

FLEX

FOOTBED

Cross >>>

SOLE





SEDAN

UPPER: ultra soft nubuck leather

COLOUR: yellow SIZES: 39 - 47

EN ISO 20345 S3 SRC

LINING

DRY MAX

REACTOR

TOECAP

CPS

PUNCTURE-PROOF

FLEX

FOOTBED



SOLE

ULTRA LIGHT SERIES







01 UPPER

without seams for greater foot fitting

02 TOECAP

in fibreglass

03 HIGH DURABILITY CAP **SYSTEM**

High durability overcap in TPU

04 SOLE

Ultra Light in highly expanded EVA material, with high anti-shock properties, which makes the shoes lighter

05 MIDSOLE

in "T-FLEX" composite with constant 4 mm thickness

06 FOOTBED

Memory Foam in two-component material with shell in polyurethane foam and memory PU having variable thickness. Anti-shock and antistatic

07 REAR SUPPORT IN TPU

to optimize stability in the heel area

ULTRA LIGHT

SIR HAS DESIGNED THE NEW ULTRA LIGHT RANGE TO MEET THE SPECIFIC SAFETY NEEDS OF ANY WORKER WHO IS LOOKING FOR EXTREMELY LIGHT, BREATHABLE AND COMFORTABLE SHOES. THIS RANGE COMBINES A CUTTING-EDGE DESIGN, SEAMLESS UPPER IN NYLON, TEAR AND CUT-RESISTANT, WITH AN ERGONOMIC AND ULTRA-FLEXIBLE SOLE IN EVA/RUBBER WHICH ASSURES MAXIMUM COMFORT. ULTRA LIGHT FOOTWEAR IS ESPECIALLY SUITED FOR ENVIRONMENTS, WHERE GROUND IS NOT VERY UNEVEN.



MB2011

SETA

UPPER: polyester meshCOLOUR: black-orangeSIZES: 36 - 47

EN ISO 20345 S1P SRC

LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE





MB2012

FANTASY

UPPER: polyester meshCOLOUR: black-lime greenSIZES: 36 - 47

EN ISO 20345 S1P SRC

LINING



TOECAP



PUNCTURE-PROOF



FOOTBED

רופייפון









FIRERCPS

PUNCTURE-PROOF



FOOTBED



SOLE





FREE

MB2013

FACTOR

COLOUR: black

CEI EN 61340

SIZES:

UPPER: polyester mesh

36 - 47

EN ISO 20345 S1P SRC

MB2014

K-PLUS

UPPER: nylon fibre COLOUR: grey SIZES: 36 - 47

EN ISO 20345 S1P SRC



LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE







MB2015

K3-PLUS

UPPER: nylon fibre COLOUR: grey SIZES: 36 - 47

EN ISO 20345 S3 SRC



LINING



TOECAP



PUNCTURE-PROOF



FOOTBED

7merory



ULTRA LIGHT





LINING



TOECAP

FIRERCPS

PUNCTURE-PROOF



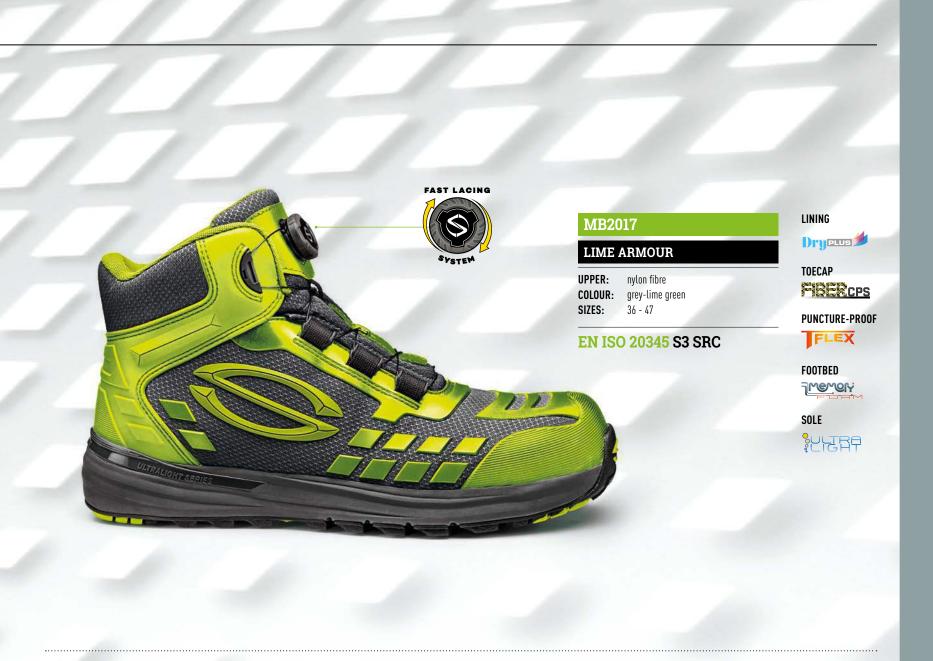
FOOTBED

Themoly

SOLE

:UHGRP









TOECAP



PUNCTURE-PROOF



FOOTBED









OVERCAP SERIES



MB2114

OVERCAP

UPPER: grain leather
COLOUR: black
SIZES: 38 - 47

EN ISO 20345 S3 SRC

FREE

LINING

30 TEX

TOECAP

FIRERCPS

PUNCTURE-PROOF

FLEX

FOOTBED

《RespondeR》

SOLE

FORCE



MB2113

OVERCAP MAX

UPPER: grain leather
COLOUR: black
SIZES: 38 - 47

EN ISO 20345 S3 SRC

FREE

LINING

30 TEX

TOECAP

FIRERCPS

PUNCTURE-PROOF

FLEX

FOOTBED

«RespondeЯ»

SOLE

F@RCE



MB2120

OVERCAP FAST

UPPER: grain leather
COLOUR: black
SIZES: 38 - 47

EN ISO 20345 S3 SRC

LINING

31 TEX

TOECAP

FIBERCPS

PUNCTURE-PROOF

FLEX

FOOTBED

⋘Responde₹**≫**

SOLE

FORCE



OVERCAP SALDATORE

UPPER: printed grain leather with Velcro

fastening
COLOUR: black
SIZES: 38 - 47

EN ISO 20345 S3 SRC

LINING

31 TEX

TOECAP

FIELECPS

PUNCTURE-PROOF



FOOTBED



SOLE





MB2212

NITRAL SALDATORE

UPPER: printed grain leather with Velcro

fastening
COLOUR: black
SIZES: 39 - 47

EN ISO 20345 S3 HRO SRA

LINING



TOECAP



PUNCTURE-PROOF



FOOTBED



SOLE





MB2111

OVERCAP METATARSO

UPPER: printed grain leather

COLOUR: black SIZES: 38 - 47

EN ISO 20345 S3 M SRC

LINING



TOECAP

FBERCPS

PUNCTURE-PROOF



FOOTBED













FREE

FOOTBED **《《Responde**R》》

SOLE

LINING









MAXIMUM SERIES







SPECIAL PROTECTION SERIES



MB2412

ASPHALT

UPPER: grain leather

SOLE: nitrile rubber resistant to heat up to

250° C

TOECAP: steel
PUNCTURE-PROOF: composite
COLOUR: black
SIZES: 40 - 46

EN ISO 20345 S2P HRO HI FO SRC











EN 15090 F2A HI3 AN CI SRC



EN ISO 20345 SB E FO HRO SRA EN 50321 Class 0



EN ISO 20345 S5 HI CI HRO SRA EN 15090 F2A HI3 P CI SRA



BOOTS









BOOTS











MB9711

COLD RESISTANT SOCK

MATERIAL: eco wool COLOUR: white SIZES: 36 - 47









WADER

MATERIAL: PVC + nitrile rubber
LINING: polyester
TOECAP: steel
PUNCTURE- teel
PROOF:

COLOUR: green **SIZES:** 39 - 46

EN ISO 20345 S5 SRC

ACCESSORIES



MAIN FEATURES: Insole made in multi-perforated EVA with anti-shock properties, having

variable thickness: 3 mm at the front and 10 mm in the heel area.

Polyester lining. Antistatic.

SIZES: 35 - 47



MB9825 MAXIMUM

MAIN FEATURES:

Super-footbed made in solid material obtained by joining EVA and RUBBER, $\,$

having variable thickness: $5\ \text{mm}$ at the front and $10\ \text{mm}$ in the heel area.

Only suited to footwear in the Maximum range. Antistatic.

SIZES: 38 - 47



MB9815 CROSS FOAM

MAIN FEATURES: Insole made with solid material in polyurethane foam with variable

thickness: 2.5 mm at the front and 9 mm in the heel area. Lined and perforated in the plantar area with outstanding anti-shock properties.

Antistatic.

SIZES: 35 - 47



MB9824

RESPONDER

MAIN FEATURES: Insole made in highly supportive polyurethane foam that is particularly suitable for heavy footwear. Variable thickness: 4.5 mm in the front area

and 9 mm in the heel area. With outstanding anti-shock properties and

hard-wearing. Lined in the plantar area. Antistatic.

SIZES: 38 - 47



MAIN FEATURES: Bicomponent footbed with 3 mm even thickness. Consisting of 1 mm leather

and 2 mm polyurethane foam. Antistatic.

SIZES: Women's 36 - 40, men's 41 - 45



MAIN FEATURES: Insole made in bicomponent material with shell in polyurethane foam and Memory PU having variable thickness: 4 mm in the front part and 9 mm in

the heel area with considerable anti-shock properties. Antistatic.

SIZES: 36 - 47



MAIN FEATURES: Super-footbed in bicomponent GEL material with variable thickness: 4 mm

at the front and 9 mm in the heel area. Shell in GEL material featuring 20 shores hardness with low-density inserts in the plantar and heel area to

increase the anti-shock effect. Antistatic.

SIZES: Women's 36 - 40, men's 41 - 45



MAIN FEATURES:

Tricomponent footbed mainly consisting of polyurethane foam inserted on a rear TPU shell with contrasting colour anti-shock inserts in the heel and middle plantar area. Variable thickness: 4.5 mm at the front and 10 mm in

the heel area. Antistatic.

SIZES: Women's 36 - 40, men's 41 - 45

MC4930

LONG LISLE COTTON SOCKS

MAIN FEATURES: Knee-high socks in 100% lisle

cotton. Blue.

SIZES: 40-46



WINTER SOCKS

MAIN FEATURES: Technical sock in brushed cotton

with Cool-Max breathable fabric,

winter version. Light grey.

SIZES: 39-42 / 43-46



MC4928

SUMMER SOCKS

MAIN FEATURES: Summer socks, knee-high, in

100% cotton.

White.

SIZES: 40-46



HEAVY SOCKS

Heavy socks, knee-high, in wool and acrylic. MAIN FEATURES:

Bicolour.

39-42 / 43-46 SIZES:



MC4927

SUMMER SOCKS

MAIN FEATURES: Short summer socks, in 100%

lisle cotton.

Blue.

SIZES: 40-46



TREKKING SOCKS

MAIN FEATURES: Technical sock in breathable fabric, with reinforced cotton sole.

Grey.

SIZES: 39-42 / 43-46



MC4934

SKY SOCKS

MAIN FEATURES: Cold resistant sock in wool and acrylic.

Grey.

SIZES: 39-42 / 43-46

MC4935

JOGGING SOCKS

MAIN FEATURES: Functional sock, reinforced to

ensure long-lasting performance.

SIZES: 39-42 / 43-46



FRESCO SOCKS

MAIN FEATURES: Functional sock in cotton blend,

excellent breathability due to the Cool-Max fabric, cool effect.

Black.

SIZES: 39-42 / 43-46



GLOVES - STANDARD GUIDELINES

CATEGORY	DESCRIPTION
Cat. I	Minimal hazards, minor protection demand.
Cat. II	Medium hazards, good cut resistance, abrasion and puncture. The gloves must be tested by an independent, approved body. The gloves will bear the C € marking with the pictogram.
Cat. III	Protection against irreversible and fatal hazards. The gloves must be tested and certified by an approved body that will implement periodical quality checks. The approved body will be identified by a number shown in the glove marking, next to the C € mark.

BASIC REQUIREMENTS FOR GLOVES ACCORDING TO EN 420

This standard defines the minimum requirements for gloves. It sets the recommended values for: chrome VI and pH. Moreover, glove dexterity is expressed through a test (minimum level 1 max 5). The standard also sets out the conversion chart of glove sizes with regard to hand width and length.

EN 388 MECHANICAL			PERFO	DRMANCE	LEVELS	
HAZARD		1	2	3	4	5
Abrasion resistance (in number of cycles)		≥ 100	≥ 500	≥ 2000	≥ 8000	-
Blade cutting resistance (resistance index)	Blade cutting resistance (resistance index)		≥ 2,5	≥ 5,0	≥ 10,0	≥ 20,0
Tear resistance (in Newton)		≥ 10	≥ 25	≥ 50	≥ 75	-
Puncture resistance (in Newton)		≥ 20	≥ 60	≥ 100	≥ 150	-
		P	ERFORM	ANCE LEV	ELS	
	Α	В	С	D	E	F
TDM: cut resistance (in Newton)	≥ 2	≥ 5	≥ 10	≥ 15	≥ 22	≥ 30

X Test not performed



EN 1082

CUT AND KNIFE PROTECTION

The standard specifies the design requirements, penetration resistance, ergonomic features, straps, weight, material, marking and instructions for use of gloves and arm protectors (in metal mesh EN 1082-1 or with other material EN 1082-2).



EN 60903 ELECTRICAL HAZARD

Specific for insulating gloves for high voltage work. Classification of gloves:

CLASS	TEST Voltage	WORKING VOLTAGE
00	2500V	500V
0	5000V	1000V
1	10000V*	7500V
2	20000V*	17000V
3	30000V*	26500V
4	40000V*	36000V

CAT.	RESISTANT TO
A	Acid
Н	Oil
Z	Ozone
R**	Acid, oil, ozone, higher level of mechanical resistance
С	Extremely low temperature
F***	Leakage current

^{**} Category R combines the characteristics of categories A, H and Z

HAND SIZE	HAND CIRCUMFERENCE (IN MM)	HAND LENGTH (IN MM)	MINIMUM LENGTH GUARANTEED BY SIR
(in mm)	152	160	220
7/S	178	171	230
8 / M	203	182	240
9/L	229	192	250
10 / XL	254	204	260
11 / XXL	279	215	270



EN ISO 374-1 CHEMICAL HAZARD

Whether total immersion or merely a splash is involved, any substance which could irritate, inflame or burn the skin is classified as a chemical hazard. Some substances can cause the skin to become sensitised over a period of time while others have a more immediate and painful effect. EN ISO 374-1 is the European standard concerning the performance of chemical protective gloves. A list of 18 chemicals, identified by the letters A to T, has been drawn up so that a more informed choice can be made. Manufacturers must test the gloves against 6 of these chemicals for Type A gloves, 3 for Type B and 1 for Type C, before obtaining approval. Penetration and permeation of the chemical agents through the glove are measured to establish the breakthrough time, which identifies the permeation level of the gloves. In order to obtain approval, "chemically resistant" gloves must have a permeation level greater than 2 (Type A or B gloves) or 1 (Type C gloves). The marking on the gloves, underneath the pictogram, shows the letters for the chemicals they have been tested for, according to the following table:

KEY TO CHEMICALS					
LETTER CODE	CHEMICAL PRODUCT	CAS NUMBER			
Α	Methanol	67-56-1			
В	Acetone	67-64-1			
С	Acetonitrile	75-05-8			
D	Dichloromethane	75-09-2			
E	Carbon disulphide	75-15-0			
F	Toluene	108-88-3			
G	Diethylamine	109-89-7			
Н	Tetrahydrofuran	109-99-9			
I	Ethyl acetate	141-78-6			
J	n-Heptane	142-82-5			
K	Sodium hydroxide 40%	1310-73-2			
L	96% sulphuric acid	7664-93-9			
М	65% nitric acid	7697-37-2			
N	Acetic acid, 99%	64-19-7			
0	Ammonium hydroxide, 25%	1336-21-6			
Р	Hydrogen peroxide, 30%	7722-84-1			
S	40% hydrofluoric acid	7664-39-3			
T	Formaldehyde, 37%	50-00-0			
	PERMEATION LEVELS				

PERMEATION LEVELS						
	1	2	3	4	5	6
Breakthrough time (minutes)	>10	>30	>60	>120	>240	>480

^{***} Category F is only valid for long gloves (length >800 mm)



EN ISO 374-5 BACTERIOLOGICAL HAZARD

The standard specifies a test method for penetration resistance of protective gloves against microorganisms (bacteria, fungi and viruses). If the marking of the gloves contains the word "VIRUS" under the pictogram, this means that the gloves have been tested and specifically guaranteed for protection against viruses.



EN 1149 ANTISTATIC PROTECTION

The standard specifies the requirements for material and design of protective clothing that dissipates electrostatic charges, used as part of a system of total grounding to prevent discharges that may trigger fires. The standard does not apply to gloves that dissipate electrostatic discharges (ESD), which are separate and are not an integral part of the clothes. The requirements may be insufficient in flammable, oxygen-enriched atmospheres. The standard is not applicable for protection against mains voltage.



EN 381-7 CHAINSAW PROTECTION

Protective gloves for chainsaw users. The standard sets out two types of gloves: Type A for five-finger gloves without cut protection of the fingers or thumb; Type B for gloves or mittens as in Type A, with additional cut protection on the back of the fingers but not on the thumb. Four protection classes are set out, based on the saw chain speed.

	PROTECTION CLASSES						
	0		2	3			
Chain speed (m/s)	16	20	24	28			



EN ISO 10819 VIBRATION PROTECTION

The standard specifies a method for laboratory measurement, data analysis and reporting of the vibration transmissibility of gloves as vibration transmitted from a handle through a glove to the palm in one-third octave frequency bands with centre frequencies of 25 Hz to 1250 Hz.



EN 407 HEAT PROTECTION

The standard specifies the requirements, test methods, information to be supplied, and marking for gloves that provide protection against heat and/or fire. It is used for all gloves that protect the hands against heat and/or flames in one or more of the following forms: fire, contact heat, convective heat, radiant heat, small splashes, and large projections of molten metal

		PERFORMANCE LEVELS			
			2	3	4
BURNING BEHAVIOUR	Flame resistance duration	≤ 20"	≤ 10"	≤3"	≤2"
RESISTANCE TO CONTACT HEAT	≥ 15 seconds at:	100°C	250°C	350°C	500°C

RESISTANCE TO CONVECTIVE HEAT	Heat transfer (HTI)	≥ 4"	≥7"	≥ 10"	≥18"
RESISTANCE TO RADIANT HEAT	Heat transfer (t24)	≥7	≥ 20	≥ 50	≥ 95
RESISTANCE TO SMALL SPLASHES OF MOLTEN METAL	Number of drops of molten metal which produces a temperature rise by 40°C	≥10	≥ 15	≥ 25	≥ 35
RESISTANCE TO LARGE SPLASHES OF MOLTEN METAL	Weight (in gr) of molten iron required to cause a superficial burn	30	60	120	200



EN 12477 WELDING PROTECTION

Protection from hazards associated with manual welding of metals, cutting and related processes.

According to their performance, welding protective gloves are classified in two types: **Type A** lesser dexterity - **Type B** greater dexterity.



EN 511 COLD PROTECTION

Cold can refer to anything from cold water to frozen gases. It is important to know the type of hazard and the temperature involved in order to recommend suitable protection.

	1	2	3	4	5
Convective cold resistance (thermal insulation in m² K/W)	≥ 0,10	≥ 0,15	≥ 0,22	≥ 0,30	-
Contact cold resistance (thermal resistance in m² K/W)	≥ 0,025	≥ 0,05	≥ 0,10	≥ 0,15	-
Water permeable - level 1 Waterproof - minimum for 30 minutes	-	-	-	-	-



NORMS FOR FOOD SAFETY

To regulate food handling in the food sector, the European Union has drawn up EC Regulation 1935/2004 and (where applicable) EU Regulation 10/2011. In Italy, Ministerial Decree of 21 March 1973 also applies for rubber gloves. These regulations ensure that the gloves intended to come into contact, either directly or indirectly, with food do not release such amounts of their components into foodstuff as to jeopardise human health nor do they entail unacceptable modifications in composition, taste and smell of food.

Proof that the product is suitable for contact with food is given by the symbol or the wording "Food Safe for use in the Food Industry". The marking is shown on the packaging together with the manufacturer's name and address. All Sir Safety gloves bearing the Food Safe symbol are certified as being suitable for use in food handling.

EN 455 MEDICAL USE

The standard specifies the requirements and provides the test methods for disposable medical gloves in order to establish: the absence of holes; the physical properties (to ensure they provide and maintain during their use an adequate protection level of both patient and user against mutual contamination); the storage duration; the evaluation of biological safety; labelling and disclosure of the information concerning the test methods used.







LEATHER GLOVES

RECOMMENDED FOR

- CONSTRUCTION
- LOGISTICS
- AUTOMOTIVE **INDUSTRY AND** LINKED ACTIVITIES
- METALLURGIC **INDUSTRY**
- HANDLING IN PORT AND AIRPORT **PREMISES**

SPLIT LEATHER

ESPECIALLY SUITED FOR WELDING ACTIVITIES, THE RANGE OF SPLIT LEATHER GLOVES OFFERS **EXCELLENT MECHANICAL** RESISTANCE, HIGH TEAR, ABRASION AND PUNCTURE RESISTANCE. **ASSURES EXCELLENT HEAT** INSULATION.

GRAIN LEATHER

GRAIN LEATHER OFFERS EXCELLENT MECHANICAL RESISTANCE, HIGH TEAR, ABRASION AND PUNCTURE RESISTANCE. IT ALSO ASSURES EXCELLENT HEAT **INSULATION AND PROMOTES HAND** BREATHABILITY. THE SOFTNESS OF OUR HIGH QUALITY LEATHER ENSURES A GREAT LEVEL OF COMFORT DURING USE.



MA1111

MATERIAL: Second choice split leather, back in denim

cloth

- · Cuff in stiff denim cloth
- · Colour: natural grey

GIAMAICA

- · Dexterity 3
- · Size 10



MA1121 **TASMANIA**

MATERIAL: Top quality split leather

- · Driver cuff
- · Colour: natural grey
- · Dexterity 4
- · Size 10





MATERIAL: Top quality split leather

- · 7 cm split leather cuff
- · Colour: natural grey
- · Dexterity 3
- · Size 10



MA1114

SHETLAND

MATERIAL: Top quality split leather

- · 15 cm split leather cuff
- · Colour: natural grey
- · Dexterity 3
- · Size 10









SAMUI

MATERIAL: Split pigskin leather

- · Cotton cloth back
- $\cdot \ \text{Cotton cuff}$
- \cdot Colour: natural sand
- · Dexterity 3
- · Size 10



3132X

GIAVA

MATERIAL: Grain kidskin leather

 $\cdot \ \, \text{Knit cotton back}$

MA1127

- · Cuff stretch knit fabric
- · Colour: natural white
- Dexterity 5Size 9-10



MATERIAL: Grain pigskin leather

- Back in stretch cotton knitKnit cuff with Velcro fastening
- · Colour: natural white
- Dexterity 5
 Size 7-8-9-10

MA1133

NAXOS



MA1127

BALI - LADIES' VERSION

· Size 7



MA1113

EN 388

VICTORIA

MATERIAL: Top quality split leather, reinforced palm and thumb

- 7 cm split leather cuffColour: natural grey
- · Dexterity 3
- · Size 10



MA1120

REUNION

MATERIAL: Top quality split leather with back in heavy cotton cloth

- · Stiff cotton cloth gauntlet cuff with wrist protection · Two-colour, grey/blue
- · Dexterity 4
- · Size 10







MA1123

SPARTA

MATERIAL: Top quality split leather, double layer on palm and fingers

- 7 cm split leather cuffColour: natural grey
- · Dexterity 3
- · Size 10



MAYORCA

MATERIAL: Grain calfskin leather

- · 7 cm split leather gauntlet cuff with wrist protection · Colour: natural white
- · Dexterity 3
- · Size 7-8-9-10

MA1119

FLORES

MATERIAL: Grain calfskin leather

- Perforated grain leather back
 7 cm split leather gauntlet cuff with wrist protection
- · Colour: natural white
- Dexterity 3Size 9-10





EN 388







MA1124

CELEBES

MATERIAL: Grain calfskin leather

- · Split leather back
- · Extra 20% split leather gauntlet cuff
- · Colour: natural white
- · Dexterity 4
- · Size 8-9-10



2132X



121X1X

· Heavy cotton cloth back

· Size 10



MA1125

SOLOMON

MATERIAL: Heavy calfskin split leather with Kevlar® seams



16 cm stiff cloth gauntlet cuff with wrist protection
Colour: yellow

· Dexterity 3



MA1130

MADEIRA

<u>_</u>

4144X

EN 407

X2XXXX

MATERIAL: Grain calfskin leather

- Heavy cloth back
 Stiff cloth gauntlet cuff
- Colour: natural whiteDexterity 3
- · Size 10-11





BORNEO

MATERIAL: Grain calfskin leather

- · Split leather back with elastic
- · Driver cuff
- · Colour: natural white
- Dexterity 3Size 8-9-10-11

MA1115

EN 388

3132X

CAYMAN

MATERIAL: Grain cowhide leather

- Back in split leather
 7 cm split gauntlet cuff with wrist protection
- · Colour: natural white
- · Dexterity 3
- · Size 10



2132X

CIPRO

MA1116

MATERIAL: Grain cowhide leather

- · Grain leather back with elastic
- · Driver cuff
- · Colour: natural white
- Dexterity 4Size 7-8-9-10-11





GENERAL APPLICATIONS GLOVES







LOTO

MATERIAL: Cotton knit

- · Cuffs
- · Colour: natural
- Dexterity 5Size 7-9



MA1315

BIANCOSPINO

MATERIAL: Twisted bleached cotton

- · Cuffs
- $\cdot \ \text{Colour: white}$
- · Dexterity 5
- · Size 7-9



MA1524

TW 300 GRIP

MATERIAL: Para-aramid knit fabric with PVC dotted palm

- · Cuff in stretch knit fabric
- · Colour: yellow
- Dexterity 3Size S-L



MATERIAL: Polyester/cotton knit

- · Wear-resistant rubber coating
- · Cuff in stretch knit fabric
- · Colour: blue

MA1421

RUBBERTEX

- · Dexterity 4
- · Size S-M-L-XL



MA1211

MIRÒ

MATERIAL: Light cotton knit

- · Wear-resistant NBR coating
- · Stretch cotton knit cuff
- · Colour: yellow
- · Dexterity 5 · Size 7-8-9-10



MATERIAL: Light cotton knit

- · Wear-resistant NBR coating
- · Stretch cotton knit cuff



MA1212

MIRÒ

- · Colour: blue · Dexterity 4
- · Size 8-9-10



MATERIAL: Heavy cotton knit

- · Wear-resistant NBR coating
- · Cotton cloth gauntlet cuff
- · Colour: blue

MA1214

MIRÒ

· Dexterity 4 · Size 8-9-10



EN 388 <u>_</u> 4131X

MIRÒ

MATERIAL: Heavy cotton knit

- · Wear-resistant NBR coating on palm and back
- · Cotton cloth gauntlet cuff
- · Colour: blue

MA1215

- · Dexterity 4
- · Size 8-9-10





EN 388





OWEN

MATERIAL: Nomex and Kevlar® knit fabric

- · Highly insulating cotton knit lining
- · Elasticated knit cuff
- · Colour: yellow
- · Dexterity 4





MA1617

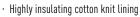
EN 388

EN 407

42XXXX

SILICON OWEN

MATERIAL: Nomex and Kevlar® knit fabric with anti-slip silicone stripes on palm



- Elasticated knit cuff
- · Colour: yellow
- · Dexterity 4
- · Size M-XL



EN 407



MA1618

LONG OWEN

MATERIAL: Nomex and Kevlar® knit fabric with anti-slip silicone dots on palm

- · Highly insulating cotton knit lining
- · 14 cm stretch knit cuff
- · Colour: white
- · Dexterity 4
- · Size M-XL



EN 388

EN 407





TAIWAN

MATERIAL: Heat-resistant split leather

- · Denim cotton lining
- · Total length 35 cm
- · Colour: green
- · Dexterity 4
- · Size 10





GUMARE

3 1 4 2 X

EN 407

42XXXX

MATERIAL: Heat resistant split leather

specific for welding with heat resistant Kevlar® seams



- · Total length 40 cm
- · Colour: orange/grey
- · Dexterity 1
- · Size 10





EN 407

423X3X

MISSOURI

MATERIAL: 85% para-aramid, 15% polyamide

- · TNT Modacrylic lining
- Total length 38 cm
- Colour: yellow
- · Dexterity 2
- · Size 10





EN 388

<u>-</u>

2 4 4 3 X X

EN 407

43XX4X

WYOMING

MATERIAL: 100% para-aramid fibre and aluminised film



- · Colour: aluminium
- · Dexterity 5
- · Size 10









COATED TEXTILE GLOVES





SPANDEX GRIP

MATERIAL: Extra fine nylon knit fabric

- · Anti-slip polyurethane coating on palm and fingers
- · Cuff in stretch knit fabric
- · Colour: white
- · Dexterity 5
- · Size XS-S-M-L-XL



MA1418

SPANDEX BLACK

MATERIAL: Extra fine nylon knit fabric

- · Anti-slip polyurethane coating on palm and fingers
- · Cuff in stretch knit fabric
- · Colour: grey
- · Dexterity 5
- · Size XS-S-M-L-XL



MA1414

SILK

MATERIAL: Extra fine nylon knit fabric

- \cdot Anti-slip polyurethane coating on palm and fingers
- · Cuff in stretch knit fabric
- · Colour: blue
- · Dexterity 5
- · Size XS-S-M-L-XL



SUPER FINE FABRIC

RECOMMENDED

• ASSEMBLY PROCESSES OF ELECTRICAL **COMPONENTS** • MECHANICAL PARTS

MOUNTING AND ASSEMBLY

• INDUSTRIAL PLANTS **MAINTENANCE AND INSTALLATION** CONSTRUCTION, **PLUMBING** AND ELECTRO-MECHANICAL SECTOR • PACKAGING, PACKING AND SORTING FOOD INDUSTRY

FOR



MA1427

GENIO

MATERIAL: Fine nylon knit fabric

- · Anti-slip nitrile microfoam coating
- · Cuff in stretch knit fabric
- $\cdot \ \, \text{Colour: white}$
- · Dexterity 5
- · Size S-M-L-XL



MA1420

REFILL

MATERIAL: Fine nylon knit fabric

- · Elastic latex foam coating
- · Cuff in stretch knit fabric
- · Colour: yellow
- · Dexterity 5
- · Size 7-8-9-10



MATERIAL: Nylon and Spandex Oeko-

Tex knit fabric

· Anti-slip coating in breathable nitrile foam

- · Cuff in stretch knit fabric
- · Colour: black

MAX GRIP

- · Dexterity 5
- · Size S-M-L-XL



MA1440

SILK PRO CUT

MATERIAL: High tenacity Dytex knit

- · Nitrile foam coating
- · Cuff in stretch knit fabric
- · Dexterity 5
- · Colour: green
- · Size 6-7-8-9-10-11



RECOMMENDED FOR

SUPER GRIP GLOVES

- DIY, GARDENING
- AGRICULTURAL AND



A RANGE THAT STANDS OUT FOR THE EXCELLENT GRIP AND HIGH SENSITIVITY LEVEL, EXCELLENT ALSO WHILE HANDLING GREASY AND OILY PARTS. EXCELLENT COMFORT THANKS TO THE COMPLETE ABSENCE OF SEAMS AND TO THE HIGH BREATHABILITY PROPERTIES.







INNOFLEX

MATERIAL: Nylon knit fabric

· Nitrile/polyurethane foam coating, dotted palm

· Cuff in stretch knit fabric

· Size 7-8-9-10





TOTAL

4

MATERIAL: Nylon knit fabric

· Waterproof nitrile foam coating

· Cuff in stretch knit fabric

· Size 8-9-10





REFLEX

MATERIAL: Fine nylon knit fabric

· Nitrile foam coating

· Size S-M-L-XL



MA1429

REDDY

MATERIAL: Nylon knit fabric

- · Microporous nitrile foam finish
- Cuff in stretch knit fabricColour: red
- · Dexterity 5 · Size 7-8-9-10



MA1433

GEKO

MATERIAL: Nylon knit fabric

- · Double micro-porous nitrile coating
- Cuff in stretch knit fabricColour: blue
- · Dexterity 5
- · Size 7-8-9-10



ACTIVE GRIP 325

MATERIAL: Nylon knit fabric

- · Double micro-rough NBR coating
- Cuff in stretch knit fabricColour: orange

MA1432

- · Dexterity 5
- · Size 8-9-10







CUT PROTECTION DYTEX FIBRE

RECOMMENDED FOR

- INDUSTRIAL ASSEMBLY AND MOUNTING, **MAINTENANCE AND INSTALLATION**
- PROCESSING AND HANDLING OF **METALLIC MATERIALS**
- FOOD INDUSTRY
- COLLECTION AND **SORTING OF SPECIAL** WASTE
- PRECISION WORK

DYTEX FIBRE HAS REMARKABLE CUTPROOF PROPERTIES. COATED WITH NON-SLIP AND ANTIABRASION MATERIALS, THE GLOVES IN THIS RANGE FEATURE OUTSTANDING GRIP, PRECISION AND VERSATILITY.

THEY ARE RECOMMENDED FOR PROCESSING WITH HIGH CUT HAZARD.



MA1512

DYTEX

MATERIAL: High tenacity Dytex knit

- · Wear-proof polyurethane coating
- · Cuff in stretch knit fabric
- · Colour: grey
- · Dexterity 5
- · Size 6-7-8-9-10-11

MA1511

SLAUTER

MATERIAL: High tenacity Dytex knit with steel core

- · Cuff in stretch knit fabric
- · Colour: white
- · Dexterity 5
- · Size 6-7-8-9-10-11

MA1530

CYBERCUT

MATERIAL: High tenacity Dytex fabric with special fibres

- · Microporous nitrile coating
- · Cuff in stretch knit fabric
- · Colour: high visibility yellow
- · Dexterity 5
- · Size 8-9-10-11





COBRA

MATERIAL: High tenacity Dytex knit with special fibres

- Micro-rough wear-proof NBR coatingCuff in stretch knit fabric
- · Colour: black
- · Dexterity 5
- · Size 8-9-10-11



MA1515

HERCULE

MATERIAL: High tenacity Dytex knit with special fibres

- Nitrile coating Cuff in stretch knit fabric
- · Colour: grey
- · Dexterity 5
- · Size 8-9-10-11



MA1514

SYNERGY

MATERIAL: High tenacity Dytex knit and special fibres with acrylic thermal effect lining



- · Cuff in stretch knit fabric
- · Colour: black



EN 388



MA1516

MARINE

MATERIAL: High tenacity Dytex knit with special fibres

- Polyurethane coatingCuff in stretch knit fabric
- · Colour: light blue
- · Dexterity 5
- · Size 7-8-9-10

MA1533

DYTEX INNOFLEX DOT

MATERIAL: High tenacity Dytex knit with special fibres

- · Dotted nitrile foam coating
- · Cuff in stretch knit fabric
- · Colour: grey · Dexterity 5
- · Size 8-9-10







AIDEN

MA1517

MATERIAL: High tenacity Dytex knit with special fibres

- Anti-slip nitrile foam double coat coating
 Cuff in stretch knit fabric
- · Colour: blue
- · Dexterity 5
- · Size 7-8-9-10





MAX IMPACT

MATERIAL: High tenacity Dytex knit

- · Anti-slip finish with back protection
- · Knit cuff with Velcro fastening
- · Colour: light blue
- · Dexterity 5
- · Size 8-9-10-11

ARMEX

MATERIAL: Aramid knit fabric

- · Length 44 cm
- · Colour: yellow
- · Dexterity 5
- · One size fits all

SUPER ARMEX

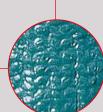
MATERIAL: Cut-proof knit

- · Silicone inserts
- $\cdot \ \text{Length 52 cm}$
- · Colour: grey
- · Dexterity 5 · One size fits all









COATED IN ACID-RESISTANT NBR

COATED IN

NON-SLIP

SATIN NITRILE



MAIN BODY IN **CUT RESISTANT** DYTEX FIBRE





MA2420

MATERIAL: Dytex knit

· Gauntlet cuff length 16 cm

Colour: petroleum green
Dexterity 5
Size 8-9-10

· Double NBR coating + satin nitrile

SAKIM

finish







MA1523

POWER PALM

MATERIAL: Midweight Kevlar® knit

- · Anti-slip micro-rough latex coating
- Cuff stretch knit fabricColour: yellow
- · Dexterity 4
- · Size 8-9-10

EN 388

SOCRATE

MATERIAL: High tenacity Dytex knit

- · Double micro-porous nitrile coating
- Cuff in stretch knit fabricColour: grey
- · Dexterity 5

- · Size 8-9-10-11

MA1529

PALM SHIELD

MATERIAL: High tenacity Dytex knit

- · Double micro-porous nitrile coating
- · Cuff in stretch knit fabric
- · Colour: high visibility yellow/blue
- · Dexterity 5
- · Size 8-9-10-11









MIRÒ EXTRA

EN 388

MATERIAL: Heavy cotton knit

- · Abrasion proof, anti-oil NBR coating
- · Cotton cloth gauntlet cuff
- · Colour: blue
- · Dexterity 4
- · Size 8-9-10

RECOMMENDED FOR

- CONSTRUCTION, PLUMBING AND PLANT **ENGINEERING**
- INDUSTRIAL PLANTS MAINTENANCE AND **INSTALLATION**
- METALWORKING **INDUSTRY**
- FOUNDRIES
- HANDLING, LOGISTICS AND TRANSPORT
- STORAGE AND **PACKAGING**

MA1220

MIRÒ EXTRA



MATERIAL: Heavy cotton knit

- · Abrasion proof, anti-oil NBR coating on palm and back
- · Cotton cloth gauntlet cuff
- · Colour: blue
- · Dexterity 4
- · Size 8-9-10



EN ISO 374-1 Type B









MIRÒ EXTRA

MATERIAL: Heavy cotton knit

- · Abrasion proof, anti-oil NBR coating on palm and back
- · 12 cm cotton cloth gauntlet cuff
- · Colour: blue
- · Dexterity 3
- · Size 8-9-10





EN ISO 374-5





DISPOSABLE LATEX GLOVES

RECOMMENDED FOR

- FOOD PREPARATION
- LABORATORY ACTIVITIES
- PHARMACEUTICAL INDUSTRY
- CLEANING COMPANIES
- HOSPITAL
- ASSEMBLY OF SMALL SIZED OBJECTS
- AUTOMOTIVE

MA2014

ANTIVIRUS

MATERIAL: Latex, AQL 1,5

- · Powdered inner
- · Smooth finish
- · Colour: white
- · Size XS-S-M-L-XL
- · 100 PCS/BOX















MA2012

MEDICAL

MATERIAL: Latex, AQL 1,5

- · Chlorinated inner
- Textured surface
- $\cdot \ \text{Colour: white}$
- · Size XS-S-M-L-XL
- · 100 PCS/BOX





A D G I K En ISO 374-5







MA2013

FORMA

Forma

Forma

MATERIAL: Thicker latex, AQL 1.5, length 30 cm

- · Chlorinated inner
- Textured surface
- · Colour: black
- · Size S-M-L-XL · 50 PCS/BOX



SIR





A D G I K EN ISO 374-5















DEFENDER

MATERIAL: Nitrile, AQL 1,5





ADGIK

EN ISO 374-5

®



MA2112

TEMPO

MATERIAL: Nitrile, AQL 1,5

- · Chlorinated inner
- · Textured surface
- · Colour: white
- · Size S-M-L-XL · 100 PCS/BOX



EN ISO 374-1 Type B











Skinny

SKINNY

Skinny

MATERIAL: Nitrile, AQL 1,5

- · Chlorinated inner · Textured finger finish
- · Colour: light blue
- · Size XS-S-M-L-XL · 100 PCS/BOX



EN ISO 374-1 Type C

EN ISO 374-1 Type B

ADGIK

EN ISO 374-5

MA2116

SUPERFINE

MATERIAL: Nitrile, AQL 1,5

- · Chlorinated inner
- · Textured finger finish
- · Colour: indigo
- · Sizes S-M-L-XL
- · 100 PCS/BOX







CHEMICAL RESISTANCE CHART

CHEMICAL RESISTANCE LIST	CHEMICAL RESISTANCE LIST	CHEMICAL RESISTANCE LIST						
NITRILE NATURAL LATEX PVC BUTYL	NITRILE NATURAL LATEX PVC BUTYL	NITRILE NEOPRENE NATURAL LATEX PVC BUTYL						
1 Acetaldehyde	36 Sulphuric acid	71 Butyl amine (1-aminobutane)						
2 Acetophenone [phenyl methyl ketone]	37 Sulphuric acid, 10%	72 Carbolineum						
3 Acetone (2-Propanone)	38 Sulphuric acid, 50%	73 Carbon chlor. hydrogen carbon nitr. calcium sulph.						
4 Acetonitrile	39 Sulphuric acid, 96%	74 Carbon chlor. hydrogen carbon nitr. amm. sulph.						
5 Acetic acid, 10%	40 Tannic acid, 10%	75 Carbon chlor. hydrogen carbon nitr. potassium sulph.						
6 Acetic acid, 50%	41 Tannic acid, saturated (tannin)	76 Carbon chlor. hydrogen carbon nitr. sodium sulph.						
7 Acetic acid, concentrated	42 Water	77 Kerosene						
8 Amidosulfonic acid	43 Hydrogen peroxide, 3%	78 Sodium cyanide, saturated						
9 Boric acid, saturated	44 Hydrogen peroxide, 30% (Perhydrol)	79 Cyclohexane						
10 Citric acid, saturated	45 Turpentine	80 Cyclohexanone						
11 Chromosulphuric acid, 10%	46 Isobutyl alcohol (isobutanol)	81 Cyclohexylamine						
12 Chromosulphuric acid, concentrated	47 Isopropyl alcohol (isopropanol)	82 Chlorobenzene						
13 Hydrofluoric acid, 10%	48 Methyl alcohol (methanol)	83 Chloroform						
14 Hydrofluoric acid, 40%	49 Propyl alcohol (1-propanol)	84 Acetyl chloride						
15 Formic acid, 10%	50 Amyl alcohol (1-pentanol)	85 Ethylene chloride (1,2 dichloroethane)						
16 Formic acid, 50%	51 Butyl alcohol (1-butanol)	86 Iron chloride (III)						
17 Formic acid, 98%	52 Ethyl alcohol (ethanol)	87 Potassium chromate, saturated						
18 Phosphoric acid, 10%	53 Propionaldehyde	88 Cold detergent (e.g. Arai 4005)						
19 Phosphoric acid, 50%	54 Ammonia, 10%	89 Dibutylamine						
20 Phosphoric acid, saturated	55 Ammonia, 25%	90 Dichloromethane (methylene chloride)						
21 Fumaric acid, saturated	56 Aniline	91 Diethyl ketone (3 pentanone)						
22 Lactic acid, 90%	57 Antifrogen n	92 Diethyl ether (ether)						
23 Maleic acid, saturated	58 Arai kaltreininger futura (cold detergent)	93 Diethyl phthalate (DEP)						
24 Malonic acid	59 ASTM OIL n. 1	94 Dimethylformamide (DMFA)						
25 Muriatic acid, 10%	60 ASTM OIL n. 2	95 Dimethyl phthalate						
26 Muriatic acid, 20%	61 ASTM OIL n. 3	96 Dimethyl sulphate						
27 Muriatic acid, 32%	62 Benzaldehyde	97 Dimethyl sulphoxide (DMSO)						
28 Nitric acid	63 Special benzene 100/140	98 Dioxane						
29 Nitric acid, 10%	64 Benzyl alcohol	99 Dioctyl phthalate (DOP)						
30 Nitric acid, 50%	65 Regular unleaded petrol	100 Sodium dithionite, saturated						
31 Nitric acid, 65%	66 Super leaded petrol	101 Hexane						
32 Nitric acid, fuming	67 Super unleaded petrol	102 Hexyl acetate						
33 Oxalic acid, saturated	68 Super Plus petrol	103 Ethanolamine						
34 Welding acid 103	69 Benzol	Petroleum ether 40/60 (disinfectant benzene)						
35 Perchloric acid, 60%	70 Butyl acetate [acetic acid butyl ester]	105 Ethidium bromide, 1%						



CHEMICAL RESISTANCE LIST						CHEMICAL RESISTANCE LIST					CHEMICAL RESISTANCE LIST						
CHEMICAL SUBSTANCE	NITRILE	NEOPRENE	NATURAL LATEX	PVC	BUTYL	CHEMICAL SUBSTANCE	NITRILE	NEOPRENE	NAIUKAL LAIEX	BUTYL	CHE	MICAL SUBSTANCE	NITRILE	NEOPRENE MATHDAL LATEX	NAI UNAL LAI LA	PVC BUTYL	
106 Ethyl chloroacetate						141 Nitrobenzene					176 Sodium thi	osulphate					
107 Ethyl acetate (ethyl ester of acidic acid)						142 O-dichlorobenzene					177 Toluol						
108 Ethylamine, 70% in water						143 Animal oils					178 Tributyl pho	osphate					
109 Ethylene glycol mono butyl ether						144 Vegetable oils					179 Trichloroetl	nylene (Tri)					
110 Ethylene glycol mono isopropyl ether						145 Fuel oil					180 Tricresyl ph	osphate					
111 Ethylene diamine						146 Rapeseed oil					181 Triton X-100						
112 Phenol, 10% in water						147 Cod liver oil					182 Waterglass						
113 Phenol, 85% in water						148 Castor oil					183 Xilamine						
114 Formaldehyde, 37% (formalin)						149 Shale oil, 10% in water					184 Xylene (isomeric mixture)						
115 Formamide						150 Shale oil (concentrate)					185 3-Hexanone						
116 Glycerine						151 Hydraulic oil (triaryl phosphate ester)					186 4-Heptanone						
117 Glycol (ethylene glycol)						152 Lubricating oil					187 4-Methylpyridine						
118 Diethylene glycol						153 Spindle oil					188 4 Methoxy-1 butanol						
119 Diethylene glycol mono butyl ether						154 P3, saturated						ene diphenyl diisocyanat	e 				
120 Propylene glycol (1,2 propanediol)																	
121 Animal fats						156 Potassium permanganate, saturate	d T				_						
122 Vegetable fats						157 Petroleum (180/220)					- Glove resis	stant to the chemical	subst	ance			
123 Calcium hydroxide, saturated (limewater)						158 Pyridine					- Glove part i	ally resistant to the	chem	ical sub	stan	се	
124 Potassium iodide, saturated						159 Alkaline potash, 10%					- Glove not resistant to the chemical substance						
125 Sodium hypochlorite (12% active chlorine)		ī				160 Caustic potash, 10%											
126 Isobutyl methyl ketone					=	161 Caustic potash, saturated											
127 Isophorone					=	162 Propyl acetate (propyl ester of acidic acid)					MATERIAL	ATERIAL ARTICLES					
128 Isooctane				Ī	_	163 Propyl ester of acidic acid)						MA2411 - MA2412 -	MA24	13 - MA	2414		
129 Lanolin		-	=			164 Aluminium sulphate, saturated					NITRILE	MA2415 - MA2416 -					
130 Brake fluid (Bosch)		_				165 Copper sulphate, saturated					NATURAL LATEX	MA2514 - MA2517 -	MA25	520 - MA	2311		
131 Loctite 243	-	i		-		166 Carbon sulphide						MA2523 - MA2017 -	MA25	512			
132 M-dichlorobenzene	Ξ	-				167 Caustic soda solution, 10%					PVC	MA2214 • MA2215 •	MA22	218 - MA	2219		
133 Methyl ethyl ketone (2-butanone)						168 Caustic soda solution, 10 %						MA2220 • MA2222					
134 Methyl iodide (iodomethane)						169 Nitro solvent					BUTYL	MA2524					
135 Methyl methacrylate 134 Methyl acetate						170 Turpentine surrogate											
(acetic acid methyl ester)		=				171 Tert-butylamine Tetrachloroethylene					The tests on show	cal protective alayer cra	norfor	nad in a l	ahara	ntory	
137 Methyl chloro acetate		-				172 Tetrachloroethylene (perchloroethylene)					The tests on chemical protective gloves are performed in a laboratory environment. Obviously, laboratory conditions are never the same as r						
138 n-Heptane					_	173 Carbon tetrachloride (tetra)					life situations, which include possible cuts and abrasions on the glow surface. Sir Safety System disclaims any liability regarding use of the						
139 Diesel fuel						174 Tetrahydrofuran					gloves in real work	situations.					

175 Tetramethylethylenediamine (TEMED)

140 Naphtha benzene (cleaner's naphtha)

PVC-NEOPRENE CHEMICAL PROTECTION GLOVES

THE EXCELLENT CHEMICAL AND MECHANICAL RESISTANCE OF PVC COMBINED WITH THE EXCEPTIONAL CHEMICAL RESISTANCE OF NEOPRENE, MAKE THESE GLOVES - ALL CLASS III, CERTIFIED IN COMPLIANCE WITH STANDARD EN 374 - AN OUTSTANDING RANGE IN TERMS OF PERFORMANCE, **ERGONOMICS AND COMFORT.**

MA2222

MANADO

MATERIAL: PVC

- · Length 35 cm
- · Cotton knit lining
- · Textured surface · Colour: light blue
- · Dexterity 3
- · Size 8-9-10













OKINAWA 35 CM

MATERIAL: Double PVC coating

- Length 35 cmCotton fleece lining
- · Roughened finish
- · Colour: green
- · Dexterity 2
- · Size 10

MA2220

OKINAWA 45 CM

MATERIAL: Double PVC coating

- Length 45 cmCotton fleece lining
- · Roughened finish
- · Colour: green · Dexterity 2
- · Size 10

Not in photo:

MA2218

OKINAWA 27 CM

- · Length 27 cm
- Dexterity 3







EN 388

3121X

EN ISO 374-1 Type B

AIK

EN 407

X1XXXX

EN ISO 374-5



<u>√8.</u> ______ 2121X EN ISO 374-1 Type A JKLNPT EN ISO 374-5

EN 388







MA2215

HOKKAIDO

MATERIAL: thin PVC, 0.9 mm

- · Length 31 cm
- · Flock-lined
- · Colour: light blue
- · Dexterity 5
- · Roughened finish
- · Size S-M-L-XL

MA2311

NEOPOWER

MATERIAL: Rubber latex and neoprene, 0.65 mm

- · Length 33 cm
- · Flock-lined
- · Roughened finish
- · Colour: black
- · Dexterity 5
- · Size 7-8-9-10

MA2214

SAKALIN

MATERIAL: PVC, 1 mm

- · Length 70 cm
- · Flock-lined
- · Roughened finish
- · Colour: red
- · Dexterity 5
- · Size 10



RECOMMENDED **FOR**

- FOOD INDUSTRY
- AUTOMOTIVE AND **AERONAUTICAL INDUSTRY**
- METAL DEGREASING **AND PROCESSING** WITH CUTTING OILS
- PRODUCTION AND **APPLICATION OF PAINTS AND VARNISHES**
- CLEANING OF **PRINTING ROLLERS**
- PRECISION WORK

NITRILE CHEMICAL PROTECTION GLOVES

THIS RANGE FEATURES EXCELLENT CHEMICAL RESISTANCE AGAINST A WIDE VARIETY OF HAZARDOUS SUBSTANCES, EXCELLENT FLEXIBILITY, GREAT COMFORT AND SENSITIVITY. WHAT IS MORE, A NUMBER OF OPTIONS ARE AVAILABLE: ROUGHENED OR TEXTURED SURFACES, A VARIETY OF LENGTHS AND THICKNESSES, VERSIONS WITH COTTON, FLEECE OR FLOCKED LINING.







MA2415

SAFETRIL

MATERIAL: Nitrile, 0.24 mm

- · Length 33 cm
- · Not flock-lined
- · Roughened finish
- · Colour: light blue
- · Dexterity 5
- · Size 7-8-9-10-11

MA2413

NITRON CM 33

MATERIAL: Nitrile, 0.4 mm

- · Length 33 cm
- Flock-lined
- Roughened finish
- · Colour: green
- Dexterity 4
- · Size 7-8-9-10-11

MA2414

NITRON CM 40

MATERIAL: Nitrile, 0.52 mm

- · Length 40 cm
- · Flock-lined
- · Roughened finish
- · Colour: green
- · Dexterity 4
- · Size 8-9-10

MA2416

GREEN NITRON

MATERIAL: Nitrile and rubber latex, 0.58 mm

- · Length 45 cm
- · Flock-lined
- · Roughened finish
- · Colour: green
- · Dexterity 4
- · Size 8-9-10





PULAX 640

MATERIAL: Nitrile with cuff in stretch knit fabric

- · Cotton knit lining
- · Textured surface
- · Colour: blue
- · Dexterity 4
- · Size 7-8-9-10

MA2412

PULAX 630

MATERIAL: Nitrile

- Length 30 cmCotton knit lining
- · Textured surface
- · Colour: blue
- · Dexterity 4 · Size 7-8-9-10

MA2422

PULAX WINTER

MATERIAL: Nitrile

- · Length 30 cm · Fleece lining
- · Textured surface
- Colour: blueDexterity 5
- · Size 7-8-9-10



RUBBER CHEMICAL PROTECTION GLOVES

RECOMMENDED FOR

- HANDLING OF FRUIT AND VEGETABLES, POULTRY AND FISH
- HANDLING OF FROZEN PRODUCTS
- HANDLING OF DETERGENTS AND CLEANING LIQUIDS















MA2512

SUZUKA

MATERIAL: Rubber latex, 0.45 mm

- · Length 30.5 cm with beaded cuff
- · Flock-lined
- · Roughened finish
- · Colour: light blue
- Dexterity 5
- · Size S-M-L-XL

MA2514

OSAKA

MATERIAL: Rubber latex, 0.55 mm

- · Length 33 cm
- · Not flock-lined
- · Roughened finish
- · Colour: yellow
- · Dexterity 5
- · Size S-M-L-XL

MA2517

CONTACT

MATERIAL: Natural rubber latex, 0.4 mm

- · Length 30.5 cm
- · Not flock-lined
- · Roughened finish
- · Colour: yellow
- · Dexterity 5
- · Size 6-7-8-9

MA2520

SHIKOKU

MATERIAL: Rubber latex and neoprene, 0.7 mm

- · Length 31 cm
- · Flock-lined
- Roughened finish
- Colour: light blue/yellow
- · Dexterity 5
- · Size 7-8-9-10



CAMATEX

MATERIAL: Rubber latex, 1.3 mm

- Length 30 cm
 Cotton knit lining
 Roughened finish
 Colour: light blue
 Dexterity 5
 Size 7-8-9-10

MA2524

BUTOJECT

MATERIAL: Butyl, 0.68 mm

- Length 35 cm with beaded cuff
 Not flock-lined
- · Smooth finish

- Colour: blackDexterity 4Size 8-9-10-11

MA2017

BLACK HAWK

MATERIAL: Rubber latex, 0.58 mm

- · Length 45 cm · Not flock-lined
- Roughened finishColour: blackDexterity 3
- · One size fits all

LOW TEMPERATURES GLOVES

RECOMMENDED FOR

- HANDLING FRESH OR FROZEN PRODUCTS AND ACTIVITY IN COLD CELLS AND STORES
- OUTDOOR WORK, CONSTRUCTION AND ROAD MAINTENANCE
- LOGISTICS, FORKLIFT TRUCK OPERATORS AND DRIVERS
- LABORATORIES

THE WHOLE RANGE FEATURES A HIGH LEVEL OF PROTECTION AGAINST LOW TEMPERATURES, GOOD MECHANICAL RESISTANCE WHILE ASSURING GOOD SENSITIVITY.







MA1132

MARGHERITA

MATERIAL: Grain calfskin leather

- · Fleece cotton lining
- · Driver cuff
- · Colour: natural
- · Dexterity 3
- · One size fits all

MA1711

POWER GRAB THERMO

MATERIAL: Acrylic knit with rubber coating

- · Fleece lining
- · Cuff in stretch knit fabric
- · Colour: orange
- · Dexterity 3

· Size 8-9-10-11

EN 388

1141X



0 1 X EN 407



MA1712

CRIOGENIC

MATERIAL: Made in a special elastic, multi-layer, coupled, waterproof fabric

- · Length 40 cm
- · 420 gr/m² polyester fleece lining
- · Gauntlet cuff
- · Colour: light blue/black
- · Dexterity 4
- · Size 8-9-10-11





22





POLAR

MATERIAL: Fluorescent PVC

- Lycra® finish
 Lycra® stretch cuff
 Colour: orange
 Dexterity 3
 Size 10-11





MA1716

FREEZER 630

MATERIAL: Polyurethane palm, cloth back and high tenacity Nylon lining

- Insulating fibre liningElasticated cuff with adjustable strap
- Colour: blackDexterity 3Size M-L-XL







MA1434

JUNAS

Fleece lining
 Cuff stretch knit fabric

MATERIAL: Nylon

- Colour: greyDexterity 5Size 8-9-10







MA1811

PRICK GUARD ANTI-PUNCTURE

MATERIAL: Dynastop anti-puncture

- · Back in elastic knit
- · Elastic knit cuff with Velcro fastening
- · Colour: black
- · Dexterity 3
- · Size M-L-XL

MA1813

TREMOR LOW ANTIVIBRATION

MATERIAL: Cotton polyester knit

- Rubber structure finish
- · Cuff in stretch knit fabric
- · Colour: black
- · Dexterity 0
- · Size 10

EN 388







MA1814

ELECTRO CLASS 0

MATERIAL: Latex

- · Insulation 5,000 V
- · Thickness 1.6 mm
- · Colour: yellow
- · Size 8-9-10-11









DIELECTRIC GLOVE

LENGTH 36 CM. THE DEGREE OF DIELECTRIC RESISTANCE IS GIVEN BY THE DIFFERENT THICKNESS. ANTIBACTERIAL TREATMENT. SUPPLIED IN A SPECIAL SEALED POLYETHYLENE CASE.

- Class 00 = tested at a test voltage of 2.5 kV for 3 minutes and a withstand voltage of 5 kV, suitable for working on electrical systems with rated voltage up to 500 VAC and 750 VDC;
- Class 0 = tested at a test voltage of 5 kV for 3 minutes and a withstand voltage of 10 kV, suitable for working on electrical systems with rated voltage up to 1000 VAC and 1500 VDC;
- Class 1 = tested at a test voltage of 10 kV for 3 minutes and a withstand voltage of 20 kV, suitable for working on electrical systems with rated voltage up to 7500 VAC and 11250 VDC;
- Class 2 = tested at a test voltage of 20 kV for 3 minutes and a withstand voltage of 30 kV, suitable for working on electrical systems with rated voltage up to 17000 VAC and 25500 VDC;
- Class 3 = tested at a test voltage of 30 kV for 3 minutes and a withstand voltage of 40 kV, suitable for working on electrical systems with rated voltage up to 26500 VAC and 39750 VDC;
- Class 4 = tested at a test voltage of 40 kV for 3 minutes and a withstand voltage of 50 kV, suitable for working on electrical systems with rated voltage up to 36000 VAC and 54000 VDC.

MA1815

ELECTRO CLASS 1

- · Insulation 10,000 V
- · Thickness 2.1 mm
- · Size 8-9-10-11

MA1817

ELECTRO CLASS 3

- · Insulation 30,000 V
- · Thickness 3.5 mm
- · Size 9-10-11

MA1816

ELECTRO CLASS 2

- · Insulation 20,000 V
- · Thickness 2.9 mm
- · Size 8-9-10-11

MA1818

ELECTRO CLASS 00

- · Insulation 2,500 V
- · Thickness 1.1 mm
- · Size 8-9-10-11

SA110006

DIELECTRIC GLOVES TESTING

Testing service of dielectric gloves:

no class 1, 2, 3 and 4 gloves should be used if they have not been checked at least within 6 months

Normally, the period is between 30 and 90 days.

RESPIRATORY PROTECTION

Respiratory protection equipment must be used for protection against substances that pose a health hazard during work.

They are divided into:

- · single use filter respirators;
- · filter respirators with filter holder half mask and filtering insert.

Filter respirators must not be used in environments where there is or might be insufficient oxygen. The protection afforded by a respirator depends on its tightness on the face, on the particle size and particle size distribution of the pollutant, and on its construction features.

A respirator may be used during one shift only (single use) and then be replaced by a new one, or be reused for several work shifts. The air that is breathed in goes through a filtering

material that holds the pollutants.

Dust filters and respirators with dust filter are divided into the following classes:

- · low efficiency (P1 filters FFP1, THP 1, TMP 1 respirators);
- medium efficiency (P2 filters FFP2, THP 2, TMP 2 respirators);
- · high efficiency (P3 filters FFP3, THP 3, TMP 3 respirators).

Medium and high efficiency filters also differ based on their ability to hold solid and liquid particles or solid particles only.

Anti-gas filters are divided into the following classes:

- · low capacity (class 1 filters);
- · medium capacity (class 2 filters);
- · high capacity (class 3 filters).

CONTAMINANT	RECOMMENDED RESPIRATOR	APPLICATION EXAMPLES
IRRITATING DUST AND FIBRES	FFP1	Rubble clearing, building demolitions
FINE DUST, WATER-BASED PARTICULATE, HARMFUL FUMES AND MIST	FFP2	Sandblasting or welding operations, paint removal, marble cutting, parquet sanding, fibreglass removal. Textile industry, metallurgy, mining, public and underground works, carpentry, joinery, welding, metal smelting and cutting, hospitals, laboratories, medical checks.
HIGHLY TOXIC FINE DUST, FUMES AND MIST	FFP3	Protection against solid and liquid aerosols. Foundries and steel mills, asbestos decontamination, use of industrial vacuum cleaners. Use is mandatory in workplaces where group 3 and 4 biological agents are used.

Filter respirators with filter holder half mask and filtering insert protect the airways from an atmosphere polluted by gas and vapours. They may be fitted with an anti-gas or anti-dust filter. They have a facepiece that may consist of a half mask with valves made entirely, or mainly, of anti-gas filter material or a rubber half mask in which the gas filter is an integral part of the device.

Proper selection of the filter type and class is essential, related to the qualitative and quantitative features of the polluting gas or vapour. The weight of the filters, including that of the filter holders directly connected to the half masks must not be greater than 300 g, 500 g for full-face masks.

FILTER TYPE	COLOUR	CONTAMINANT	
A	Brown	Organic compound gases and vapours with a boiling point above 65°C	
AX	Brown	Organic compounds with low boiling point (lower than 65°C). Single use only.	
В	Grey	Inorganic compounds gas and vapours	
E	Yellow	Sulphur dioxide and other acid gases and vapours	
Hg	Red	Mercury	
K	Green	Ammonia and organic ammonia derivatives	
NO	Blue	Nitrogen oxide (e.g. nitrogen monoxide NO, nitrogen dioxide NO², nitrogen oxide NOX)	
P	White	Particles	
SX	Purple	Specifically indicated gas and vapours	
СО	Black	Carbon monoxide	
Reactor/Nuclear	Orange	Radioactive iodine including radioactive iodomethane	

Marking of the respirator according to EN 149 may include one or more of the following:

R indicates that the respirator or filter are reusable;

NR indicates that the respirator or filter are not reusable. Its use is limited to a single work shift for a maximum of 8 hours;

indicates that the respirator has passed the clogging test with dolomite dust.

The test determines the mask's respiratory resistance after clogging with dolomite dust (optional requirement).

Half-mask respirators, according to EN 140, may be used with the following anti-dust filters:

A STATE OF THE STA

P1

low efficiency filters;

P2

medium efficiency filters;

Р3

high efficiency filters.

When the respirator is fitted with a P3 filter, inbreath resistance may be relatively high and this may make its use uncomfortable, for longer periods of time, especially for very strenuous jobs. In that case it is recommended to assess whether to use an assisted ventilation device.

PAINTING	RECOMMENDED RESPIRATOR
BY BRUSH	FA1211 pg. 330 FA1325 pg. 335 FA1327 pg. 336 FA1330 pg. 336
BY PAINT ROLLER	FA1323 pg. 331 FA1328 pg. 333 FA1330 pg. 336 FA1327 pg. 336
WATER BASED	FA1327 pg. 336 FA1325 pg. 335 FA1320 pg. 336 FA1323 pg. 331
SOLVENT BASED	FA1526 pg. 340 FA1717 pg. 341 FA1636 pg. 344 FA1813 pg. 344-346
POLYESTER RESIN	FA1636 pg. 344 FA1526 pg. 340 FA1714 pg. 341
PRIMER	FA1526 pg. 340 FA1712 pg. 341
BICOMPONENT	FA1714 pg. 341
ISOCYANATE BASED	FA1715 pg. 341 FA1813 pg. 344-346
POLYURETHANE BASED	FA1714 pg. 341 FA1636 pg. 344 FA1813 pg. 344-346
EPOXY	FA1323 pg. 331 FA1327 pg. 336 FA1328 pg. 333

CLEANING	RECON	MMENDED	RESPIR	ATOR
WITH SOAPY WATER	FA1213 FA1316	pg. 334 pg. 333	FA1320 FA1212	
WITH AMMONIA	FA1636	pg. 344	FA1715 FA1526	
WITH SOLVENT	FA1327 FA1714		FA1416 FA1526	
WITH OILS	FA1712	pg. 341	FA1526 FA1813	pg. 340 pg. 344-346
WITH WATER SPRAY		pg. 331 pg. 337	FA1327 FA1412	
IN CHIMNEYS		pg. 333 pg. 337	FA1327 FA1412	
IN CASKS	FA1911	pg. 349		
IN SEWERS	FA1911	pg. 349		
IN TUNNELS	FA1911	pg. 349		
ON INCINERATORS	FA1316 FA1327 FA1714	pg. 336	FA1325 FA1416 FA1636	pg. 337
ON CEMENT PRODUCTION		pg. 333 pg. 331	FA1320 FA1330	

FA1215 pg. 333

FA1314 pg. 330

IN URBAN TRAFFIC

FA1316 pg. 333 **FA1213** pg. 334

DEMOLITION	RECOMMENDED	RESPIRATOR
ASBESTOS	FA1415 pg. 333 FA1713 pg. 341	FA1414 pg. 335 FA1413 pg. 337 FA1412 pg. 337
FIBRE CEMENT	FA1415 pg. 333 FA1713 pg. 341	FA1413 pg. 337 FA1412 pg. 337
PLASTER	FA1316 pg. 333 FA1330 pg. 336	FA1321 pg. 333 FA1329 pg. 335
WOOD	FA1320 pg. 335 FA1314 pg. 330	FA1315 pg. 335 FA1316 pg. 333
TEXTILES	FA1215 pg. 333 FA1211 pg. 330	FA1214 pg. 335 FA1212 pg. 330
POTTERY	FA1316 pg. 333 FA1314 pg. 330	FA1320 pg. 335 FA1330 pg. 336
BRICKS AND TILES	FA1321 pg. 333 FA1319 pg. 330	FA1315 pg. 335 FA1329 pg. 335
TUNNEL EXCAVATIONS	FA1415 pg. 333 FA1713 pg. 341 FA1636 pg. 344	FA1413 pg. 337 FA1813 pg. 344-346





METALS	RECOMMENDED	RESPIRATOR
FOUNDRY	FA1315 pg. 335 FA1316 pg. 333 FA1330 pg. 336	FA1327 pg. 336 FA1323 pg. 331 FA1418 pg. 335
BURRING	FA1321 pg. 333 FA1319 pg. 330	FA1329 pg. 335 FA1315 pg. 335
POLISHING BUFFING	FA1316 pg. 333 FA1711 pg. 341	FA1329 pg. 335 FA1320 pg. 335
DEGREASING	FA1327 pg. 336 FA1330 pg. 336	FA1323 pg. 331 FA1418 pg. 335
CHROMING	FA1526 pg. 340 FA1714 pg. 341 FA1636 pg. 344	FA1711 pg. 341 FA1813 pg. 344-346
GALVANISATION	FA1327 pg. 336 FA1714 pg. 341	FA1526 pg. 340 FA1416 pg. 337
WELDING	FA1328 pg. 333 FA1330 pg. 336 FA1327 pg. 336	FA1320 pg. 335 FA1323 pg. 331 FA1418 pg. 335
OXYACETYLENE CUTTING	FA1330 pg. 336 FA1323 pg. 331	FA1327 pg. 336 FA1325 pg. 335



ROUND DISPOSABLE RESPIRATORS



FA1211

FFP1 NR D

EN 149

Suitable for low toxicity environments, up to 4 times the TLV. Pack of 20 pieces.



FA1212

FFP1 NR D

EN 149

With exhalation valve. Suitable for low toxicity environments, up to 4 times the TLV. Pack of 10 pieces.



FA1314

FFP2 NR D

EN 149

Suitable for medium toxic environments, up to 12 times the TLV. Pack of 20 pieces.



FA1319

FFP2 NR D

EN 149

With exhalation valve. Suitable for medium toxic environments, up to 12 times the TLV. Pack of 10 pieces.





acting as sealer around the nose

02 MOULDED NOSE CLIP

improves adhesion around the nose

03 ROBUST CUPPED STRUCTURE

fitted with inner microfibre lining with low breathing resistance

04 HYPOALLERGENIC ELASTIC

perfect fit around the head

05 P1, P2, P3

code and level of protection identification

O6 EXHALATION VALVE facilitates rapid breathing during heavy tasks



FA1323

FFP2 NR D

EN 149

With exhalation valve. Fitted with activated carbon layer. Suitable for medium toxic environments, up to 12 times the TLV.

Pack of 10 pieces.

CUPPED SEMI-RIGID MODEL, FIXED ELASTIC, COMPLIANT WITH EN 149:2001 + A1:2009



RESPIRATORS SUITABLE FOR SOLID OR LIQUID AEROSOL CONCENTRATIONS UP TO 4 TIMES THE TLV*

P2

RESPIRATORS SUITABLE FOR SOLID OR LIQUID AEROSOL CONCENTRATIONS UP TO 12 TIMES THE TLV*

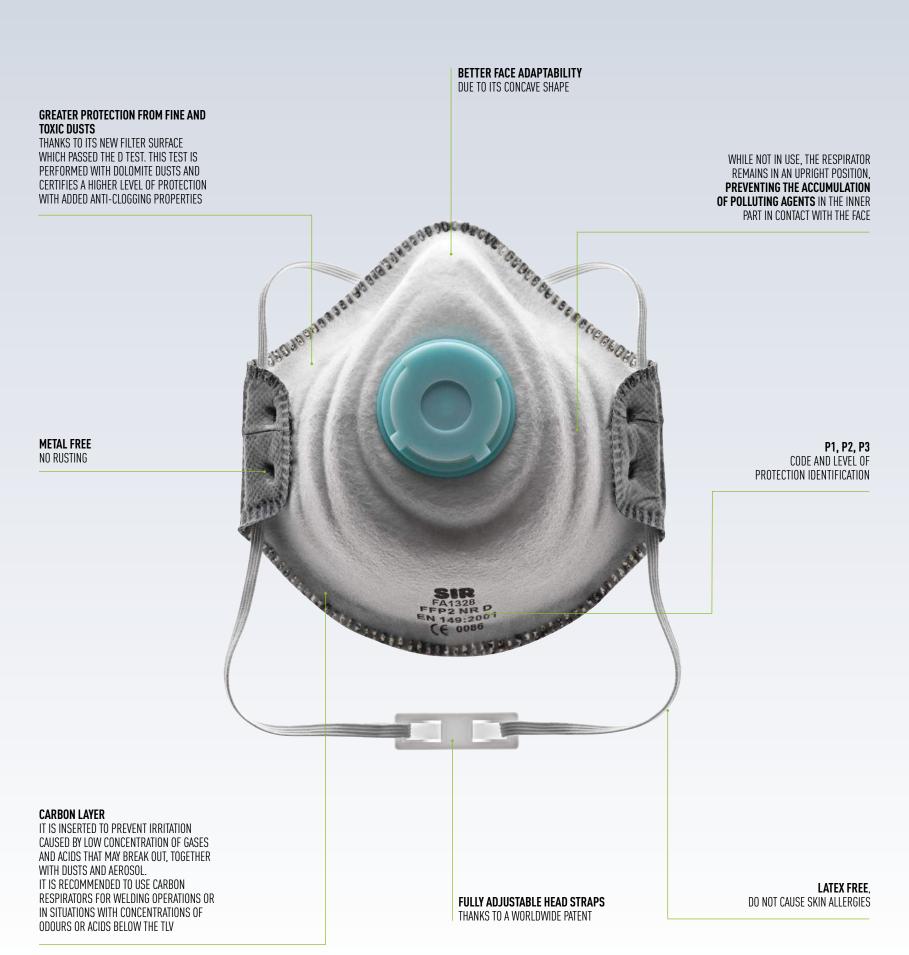


RESPIRATORS SUITABLE FOR SOLID OR LIQUID AEROSOL CONCENTRATIONS UP TO 50 TIMES THE TLY*

* TLV: threshold limit value



PREMIUM DISPOSABLE RESPIRATORS







FFP1 NR D

EN 149

Premium respirator for low toxicity environments. Suitable up to 4 times the TLV. Pack of 20 pieces.



FA1216

FFP1 NR D

EN 149

Premium respirator with exhalation valve for low toxicity environments. Suitable up to 4 times the TLV.
Pack of 10 pieces.



FA1316

FFP2 NR D

EN 149

Premium respirator for medium toxicity environments up to 12 times the TLV. Pack of 20 pieces.



FA1321

FFP2 NR D

EN 149

Premium respirator with exhalation valve. Suitable for medium toxic environments, up to 12 times the TLV.

Pack of 10 pieces.



FA1328

FFP2 NR D

EN 149

Premium respirator with activated carbon layer. With exhalation valve. Suitable for medium toxic environments, up to 12 times the TLV. Pack of 10 pieces.



FA1415

FFP3 NR D

EN 149

Premium respirator with exhalation valve. Suitable for critical environments polluted with dust, metals, aerosol and asbestos up to 50 times the TLV. Pack of 10 pieces.

FOLDABLE DISPOSABLE RESPIRATORS

EXHALATION VALVE

promotes the outflow of breathed air preventing the risk of misting the eye lenses

01

02

03

04

MOULDED NOSE CLIP

improves adhesion around the nose

FOLDFLAT CONICAL STRUCTURE

pocket-size and easily transportable

P1, P2, P3

code and level of protection identification

INDIVIDUALLY 05 WRAPPED

in cellophane with sealed edges for maximum hygiene





FA1213

FFP1 NR

EN 149

Individually wrapped respirator. Suitable for use in atmosphere with low levels of dust pollution, up to 4 times the TLV. Pack of 20 pieces.



FA1214

FFP1 NR

EN 149

Individually wrapped respirator. With exhalation valve. Suitable for use in atmosphere with low levels of dust pollution, up to 4 times the TLV. Pack of 20 pieces.



FA1315

FFP2 NR

EN 149

Individually wrapped respirator. Suitable for use in atmosphere with medium levels of dust pollution up to 12 times the TLV. Pack of 20 pieces.



FA1320

FFP2 NR

EN 149

Individually wrapped respirator. With exhalation valve. Suitable for use in atmosphere with medium levels of dust pollution up to 12 times the TLV. Pack of 20 pieces.



FA1325

FFP2 NR

EN 149

Individually wrapped respirator. With activated carbon layer. With exhalation valve. Suitable for use in atmosphere with medium levels of dust pollution up to 12 times the TLV. Pack of 20 pieces.



FA1411

FFP3 NR

EN 149

Individually wrapped respirator. Recommended for heavily polluted environments with aerosol or asbestos up to 50 times the TLV. Pack of 20 pieces.



FA1414

FFP3 NR

EN 149

Individually wrapped respirator. With exhalation valve. Recommended for heavily polluted environments with aerosol or asbestos up to 50 times the TLV. Pack of 20 pieces.



FA1329

FFP2 NR D

EN 149

High performance disposable foldable respirator. With exhalation valve. Suitable for use in medium level of toxicity environments up to 12 times the TLV.

Pack of 20 pieces.



FA1417

FFP3 NR D

EN 149

High performance disposable foldable respirator. With exhalation valve. Suitable for use in heavily polluted environments with aerosol or asbestos up to 50 times the TLV.
Pack of 20 pieces.



FA1418

FFP3 NR D

EN 149

High performance disposable foldable respirator. With activated carbon layer. With exhalation valve. Suitable for use in heavily polluted environments with aerosol or asbestos up to 50 times the TLV. Pack of 20 pieces.







FFP2 NR D

EN 149

High efficiency disposable respirator, specific for welding activities. Active carbon layer with exhalation valve. Appropriate for filtering acid vapours and fumes below the TLV. Suitable for medium toxic polluted environments, up to 12 times the TLV. Pack of 5 pieces.



FA1330

FFP2 NR D

EN 149

High efficiency disposable respirator with activated carbon layer. With exhalation valve. Specific for acid gases below the TLV and medium toxicity environments up to 12 times the TLV. Pack of 5 pieces.



FΔ1410

FILTERSPEC® PRO FFP3 V

EN 149 EN 166

Solution that integrates respiratory protection with eye protection. Efficient 3-layer filter with low breathing resistance valve. Lenses with scratch-proof and anti-fog coating.

FA1332

Version with FFP2 anti-odour filter.







FFP3 NR D

EN 149

High efficiency disposable respirator. With exhalation valve. Suitable for use in highly toxic environments up to 50 times the TLV. Pack of 5 pieces.



FA1412

FFP3 NR D

EN 149

High efficiency disposable respirator. With exhalation valve. Suitable for use in highly toxic environments, such as aerosol and asbestos, up to 50 times the TLV. Pack of 5 pieces.



FA1416

FFP3 NR D

EN 149

High efficiency disposable respirator. With activated carbon layer. With exhalation valve. Suitable for use in toxic environments, as with aerosol and asbestos, with a high level of toxicity up to 50 times the TLV. Pack of 5 pieces.

HALF MASKS





HALF MASKS



FA1526

SIR AIR HALF MASK

EN 40

Made in state-of-the-art TPE composite, Sir Air combines the features of lightness, flexibility and comfort for a better solution to airway protection. The hypoallergenic TPE material does not cause allergic reactions, even after prolonged use, and does not cause skin irritation; it is comfortable, odourless, very hygienic and allows the mask to be used in many industrial processes. The filter application system is extremely practical and infallible: thanks to a specific threading, the filters are efficiently applied and sealed onto the mask body. The ergonomic design assures a good field of vision. Thanks to the large volume of the mask, and especially the valve, breathing resistance is very low. The rounded edge assures high tightness to the face, therefore resulting in efficiency of the exhalation valves and enhanced user comfort. One size fits all.



FILTER WITH THREADED COUPLING

ARTICLE	SIR FILTE	RS CLASSIF	ICATION				PACK
FA1511	A2					Organic vapours and solvents - EN 14387	10
FA1512	B1					Inorganic vapours - EN 14387	10
FA1513	A 1	B1	E1			Organic vapours and solvents, inorganic vapours, acid gases and sulphur dioxide - EN 14387	10
FA1514	K1					Ammonia - EN 14387	10
FA1515	A2	P2	NR			Fungicides, solvents and dusts - EN 14387 EN 143	8
FA1516	P2	NR				Toxic dusts - EN 143	10
FA1517	A 1	B1	P2	NR		Vapours, dusts, solvents and fungicides - EN 14387 EN 143	8
FA1518	P3	NR				Toxic dusts - EN 143	10
FA1519	A 1	B1	E1	K1	P2 NR	Organic vapours and solvents, inorganic vapours, acids, dusts and ammonia - EN 14387 EN 143	10
FA1520	P2	NR				Long lasting pre-filter with adaptor - EN 143	20
FA1521	A 1	B1	E 1	K1		Organic and inorganic vapours, acids and ammonia - EN 14387	240
FA1522	A2	P3	NR			Organic vapours, solvents and toxic dusts - EN 14387 EN 143	240
FA1523	A 1	B1				Organic vapours, solvents and inorganic vapours- EN 14387	240
FA1524	A 1	B1	E1	P2	NR	Organic vapours and solvents, inorganic vapours, acids and dusts - EN 14387 EN 143	240
FA1525	A 1					Organic vapours and solvents - EN 14387	280
FA1528	A 1	P3	NR			Organic vapours, solvents and toxic dusts - EN 14387	240
FA1527	A 1	B1	E1	K1	P3 NR	Organic vapours and solvents, inorganic vapours, acids, dusts and ammonia - EN 14387	240



FREEDOM DISPOSABLE HALF MASK

The Freedom half mask is made in polypropylene and provides a valuable alternative to half masks with interchangeable filters. The filters are fixed rather than interchangeable, and thus once the filter ceases to perform its function, the half mask has to be completely replaced; it does not need any maintenance. Hypoallergenic.

One size fits all.

ARTICLE	SIR FILTE	RS CLASSIF	ICATION				PACK
FA1711	A1					Organic vapours - EN 405	10
FA1712	A 1	P1				Organic vapours and toxic dusts, spray painting, solvents, etc EN 405	10
FA1713	P3					Toxic dusts - EN 149	10
FA1714	A2	P3				Organic vapours and toxic dusts - EN 405	10
FA1715	A1	B1	E1	K1	P3	Multi-purpose and toxic dusts - EN 405	10
FA1716	A2					Organic vapours and solvents - EN 405	10
FA1717	A2	P2				Organic vapours, solvents and dusts - EN 405	10



DRÄGER HALF MASKS



Dräger



FILTER RANGE FOR X-PLORE 3300

THE RANGE OF X-PLORE FILTERS OFFERS PLENTY OF OPTIONS FOR ALL PROTECTION NEEDS. THE "BAYONET" FILTERS ARE EASY TO ATTACH DIRECTLY TO THE MASK.

THE "PURE" FILTERS CAN BE USED INDIVIDUALLY OR COMBINED, THROUGH AN ADAPTOR, WITH ANTI-GAS FILTERS. WHEREAS THE "PAD" DUST FILTERS CAN BE USED EITHER AS SIMPLE DUST FILTERS WITH BASE AND RETAINER, OR THEY CAN BE COMBINED WITH GAS-PROTECTIVE FILTERS AND BE ATTACHED TO THEM WITH THE SPECIAL RETAINER.





Bayonet filter

FA1632 Pre-filter retainer





FA1630 Filter base

FA1628 Filter adapter



X-PLORE 3300 TWIN-FILTER HALF-MASK

EN 140

Twin-filter half mask with bayonet connection made of TPE (techno-polymer foam) can be used also with glasses and is perfectly stable on the head thanks to its self-centreing and adjustable retention system. Model suitable for all needs

The mask consists of a head harness in soft plastic material with perfectly smooth edges and four elastic straps adjustable in length, to perfectly fit the mask on. The filters are connected with a quick snap bayonet connector and they are placed to assure even weight distribution and a wide field of vision.

Total weight: Approx. 95 grams.

FA1639	Size S
FA1638	Size M
FA1637	Size L

ORDER CODES FOR X-PLORE 3300 FILTERS						
FILTER TYPE	ART.	BAYONET FILTERS FOR X-PLORE 3300	COLOUR CODE	PACK*		
	FA1613	Bayonet Pad P1 N R - EN 143		20		
_	FA1614	Bayonet Pad P2 R - EN 143		20		
SNO	FA1615	Bayonet P3 R - EN 143		22		
ANTI-DUST	FA1616	Bayonet Pure P2 R - EN 143		20		
•	FA1617	Bayonet Pure P3 R - EN 143		20		
	FA1618	Bayonet Pure Odour P3** R - EN 143		20		
	FA1619	Bayonet A1 - EN 14387		20		
AS	FA1620	Bayonet A2 - EN 14387		20		
ANTI-GAS	FA1621	Bayonet A1 B1 E1 - EN 14387		20		
A	FA1622	Bayonet A1 B1 E1 K1 - EN 14387		20		
	FA1623	Bayonet A2 B2 - EN 14387		18		
0	FA1624	Bayonet A1 P3 R D - EN 14387 EN 143		14		
SINE	FA1625	Bayonet A2 P3 R D - EN 14387 EN 143		14		
COMBINED	FA1626	Bayonet A1 B1 E1 K1 Hg P3 R D - EN 14387 EN 143		14		
		Bayonet A2 B2 P3 R D - EN 14387 EN 143		12		

^{*}Packed in pairs

^{**}P3 with activated carbon to reduce unpleasant odours below the TLV

ART.	MODULAR ACCESSORIES THAT EXPAND THE RANGE OF FILTERS	PACK
FA1628	Adaptor: to attach the Pure filters over the anti-gas filters	10
FA1629	Filter retainer for P1 and P2 Pad filters	12
FA1630	Base for P1 and P2 Pad filters	12
FA1631	Pre-filter - Only with combined filters	40
FA1632	Pre-filter retainer - Only with combined filters	14

PRE-ASSEMBLED KITS AVAILABLE HALF-MASK + FILTERS (NOT IN PHOTO)

FA1633	FA1634	FA1635
Dust Kit	Painter Kit	Chemical Kit
X-Plore 3500 in rubber	X-Plore 3300	X-Plore 3300
+ 2 filters Pure P3 R	+ 2 filters A2 P3 R D	+ 2 filters A1 B1 E1 K1 Hg P3 R D

Not in photo:

FA2201

COMPLETE FIT-TEST KIT

Conceived to check proper face adhesion and seal of masks and half masks.

The kit includes: hood with cape, sprayers, solutions to detect sensitivity (to be performed without wearing).

The kit includes: hood with cape, sprayers, solutions to detect sensitivity (to be performed without wearing the PPE), solutions for the FIT-TEST.



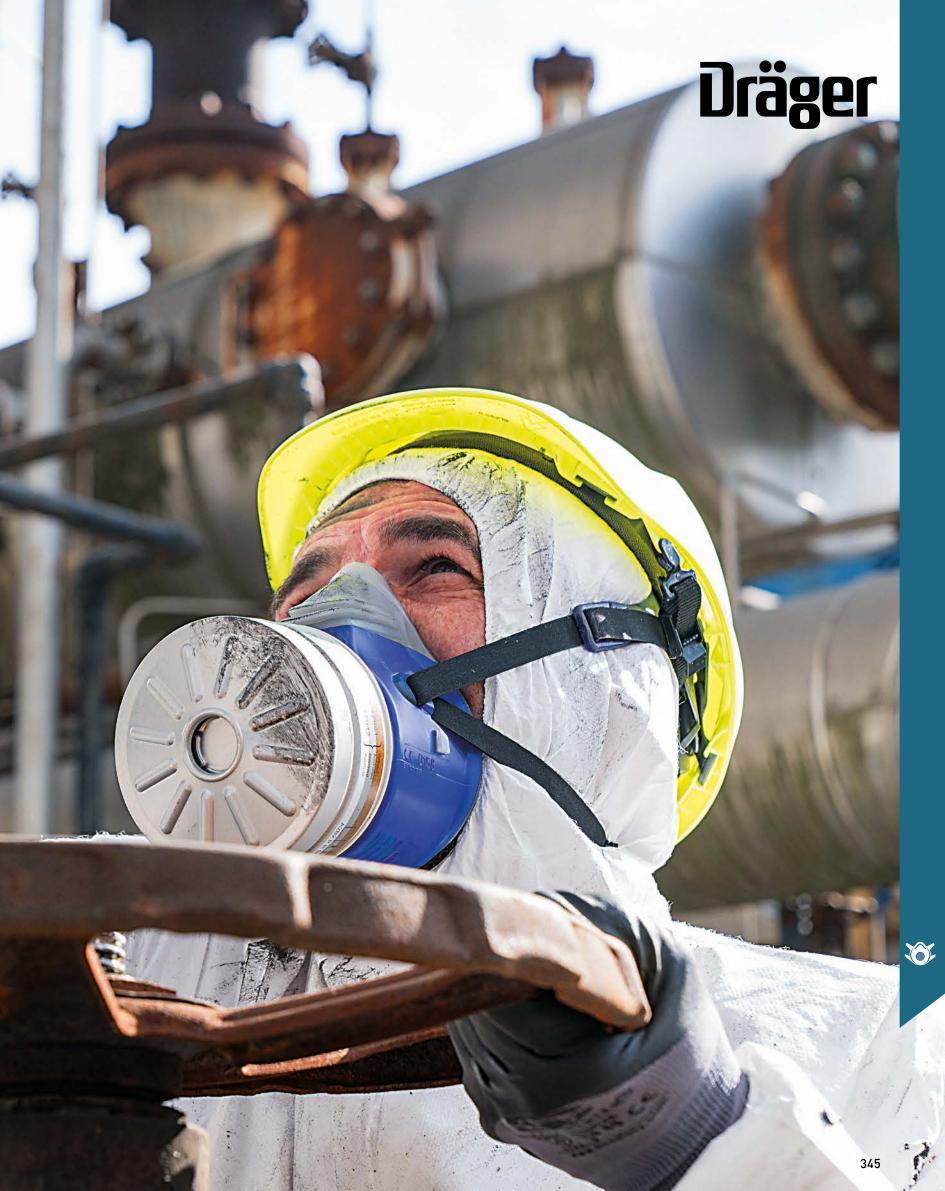
ANTI-GAS DRÄGER HALF MASKS



DRÄGER FILTERS - Order code for X-PLORE 4740 filters: outer diameter - thread connection diameter*

ARTICLE	CODE*		PACK
FA1811	940	A2 - EN 14387	5
FA1812	940	A2 B2 - EN 14387	5
FA1813	940	K2 - EN 14387	5
FA1814	940	A2 B2 E2 K1 - EN 14387	5
FA1816	1140	AX - EN 14387	5
FA1817	1140	P3 R - EN 143	5
FA1818	940	A2 P2 R D - EN 14387 EN 143	5

ARTICLE	CODE*		PACK
FA1819	940	A2 B2 P2 R D - EN 14387 EN 143	5
FA1820	940	K2 P2 R D - EN 14387 EN 143	5
FA1821	940	A2 B2 E2 K1 P2 R D - EN 14387 EN 143	5
FA1822	1140	A2 P3 R D - EN 14387 EN 143	5
FA1823	1140	A2 B2 P3 R D - EN 14387 EN 143	5
FA1825	1140	AX P3 R D - EN 14387 EN 143	5
FA1826	1140	A2 P3 R D REACTOR/NUCLEAR - EN 14387 EN 143	5



FULL-FACE DRÄGER MASKS



FA1830

X-PLORE 6300 MASK

EN 136 CLASS 2

Full-face mask in EPDM black rubber, fitted with standard thread connection EN 148 for threaded filters. The mask body is in extremely soft rubber.

The main features of the X-Plore 6300 mask are as follows:

- · double-layer face seal;
- · plexiglass visor with wide field of vision;
- · visor frame in composite material;
- · speech diaphragm;
- firestop in composite material;
- 5-point harness, adjustable in length;
- · good air circulation: fog-free visor;
- · total weight approx. 570 grams.

One size fits all.

CODE	COLOUR	FILTER TYPE	MAIN APPLICATIONS
Brown		AX	Gases and vapours of organic compounds (e.g. solvents) with boiling point < 65° C
Brown		A	Gases and vapours of organic compounds (e.g. solvents) with boiling point > 65° C
Grey		В	Inorganic gases and vapours (e.g. chlorine, hydrogen sulphide, hydrocyanic acid)
Yellow		E	Sulphur dioxide, hydrochloric acid
Green		K	Ammonia
Black		CO	Carbon monoxide
Red		Hg	Mercury vapours
Light blue		NO	Nitrous gases including nitrogen monoxide
Orange		REACTOR/NUCLEAR	Radioactive iodine including radioactive iodomethane
White		P	Particles

DRÄGER FILTERS

DRÄGER HAS BEEN PRODUCING FILTERS SINCE 1929, AND SINCE THEN IT HAS CONSTANTLY IMPROVED ITS TECHNOLOGY AND EXPANDED ITS PRODUCT RANGE. SUCH A WIDE RANGE OF PRODUCTS OBVIOUSLY COVERS AN EQUALLY BROAD RANGE OF APPLICATIONS, FROM FIELD INSPECTION AND MAINTENANCE OF WORKPLACES LOCATED IN RETAIL AND INDUSTRIAL AREAS AT RISK OF CONTAMINATION, TO RESCUE AND CIVIL PROTECTION OPERATIONS.

COMPLETE RANGE OF EN 14387 - EN 143 FILTERS FOR FULL-FACE MASKS WITH STANDARD CONNECTION: outer diameter - thread connection diameter*										
FILTER TYPE	ARTICLE	FILTER CLASS	COLOUR CODE	CODE*	WEIGHT	PACK*				
	FA1811	A2 - EN 14387		940 A2	< 300	5				
	FA1812	A2 B2 - EN 14387		940 A2 B2	< 300	5				
ANTI-GAS	FA1813	K2 - EN 14387		940 K2	< 300	5				
ANTI-UAS	FA1814	A2 B2 E2 K1 - EN 14387		940 A2 B2 E2 K1	< 300	5				
	FA1815	A2 B2 E2 K2 - EN 14387		1140 A2 B2 E2 K2	< 350	5				
	FA1816	AX - EN 14387		1140 AX	< 300	5				
ANTI-DUST	FA1817	P3 R - EN 143		1140 P3 R	< 65	5				
	FA1818	A2 P2 R D - EN 14387 EN 143		940 A2 P2 R D	< 300	5				
	FA1819	A2 B2 P2 R D - EN14387 EN143		940 A2 B2 P2 R D	< 300	5				
	FA1820	K2 P2 R D - EN 14387 EN 143		940 K2 P2 R D	< 300	5				
	FA1821	A2 B2 E2 K1 P2 R D - EN 14387 EN 143		940 A2 B2 E2 K1 P2 R D	< 300	5				
COMBINED	FA1822	A2 P3 R D - EN 14387 EN 143		1140 A2 P3 R D	< 300	5				
	FA1823	A2 B2 P3 R D - EN 14387 EN 143		1140 A2 B2 P3 R D	< 300	5				
	FA1824	A2 B2 E2 K2 Hg P3 R D - EN 14387 EN 143		1140 A2 B2 E2 K2 Hg P3 R D	< 400	5				
	FA1825	AX P3 R D - EN 14387 EN 143		1140 AX P3 R D	< 300	5				
SPECIAL	FA1826	A2 P3 R D REACTOR/NUCLEAR - EN 14387 EN 143		1140 A2 P3 R D REACTOR/NUCLEAR	< 300	5				
SPECIAL	FA1827	A1 B2 E2 K1 Hg NO CO 20 P3 R D - EN 14387 EN 143		1140 A1 B2 E2 K1 Hg NO CO 20 P3 R D	< 400	5				



FPS 7130 MASK

EN 136 CLASS 3

The new FPS 7130 full-face mask sets new standards in terms of safety and wearing comfort. Thanks to its revolutionary design and the new treated polycarbonate visor, the worker using FPS 7130 will have no visual distortion and will enjoy a wider field of vision. The visor does not mist thanks to the air circulation system and different special coatings. The mask body retains the traditional structure:

- standard attachment for threaded filters EN 148;
 mask body in EPDM or hypoallergenic silicone;
- · double-layer face seal;
- polycarbonate visor;
 weight approx. 600 grams (varies according to version);
- · stainless steel speech diaphragm;
- option of helmet-mask combination thanks to special hooks;
 integrated accessories: two-way radio system.

FA1833	Size S	
FA1834	Size M	
FA1835	Size L	



FA1829 Airtight case for half-face masks

FA1828 Airtight case for full-face masks





PSS 5000 DS BREATHING APPARATUS

EN 137

Combining reliable pneumatics and improved cylinder fixing system, the Dräger PSS 5000 DS breathing apparatus provides the perfect match of state-of-the-art technology and materials, and is suitable for any application condition. The PSS 5000 model has been designed to be not only comfortable but also extremely efficient during use in harsh firefighting situations. Incorporating a rigid harness connection to a fixed-height back plate, state-of-the-art harness materials and a pivoting waist belt, the breathing apparatus remains in position regardless of the task at hand. The innovative "slide and lock" mechanism assures fast and simple harness and waist pad connection/removal from the back plate. The LDV, gauge and rescue hoses can now be routed over the left and/or right shoulders, allowing the PSS 5000 breathing apparatus to be set up in any manner.

HOW TO ORDER:

FA1911 COMPLETE PSS 5000 DS SELF-CONTAINED

BREATHING APPARATUS

Including overpressure air supply valve, panoramic

mask and 7-litre cylinder

FA1912 Spare back plate and pneumatic unit

FA1913 Spare overpressure air supply valve
FA1914 Spare Dräger Panorama NOVA PE mask

FA1915 6-litre spare cylinder - 300 bar

FA1916 7-litre spare cylinder - 200 bar

NOT IN PHOTO:

FA1917 Emergency hood for rescue hose with constant flow

FA1918 Rescue hose attachment kit





PUSH "IN AND OUT" HOSE CLIPS

"SLIDE AND LOCK" HARNESS CONNECTIONS

CENTRAL ELECTRONICS HOUSING

INTEGRATED HOSE CHANNELS INTO BACK PLATE

STRAP RETAINER

SLIDING AND SWIVELLING WAIST BELT

WAIST ADJUSTMENT

MAIN FEATURES AND COMPONENTS

BACK PLATE

The anatomic, antistatic, carbon fibre back plate is chemical agent resistant. The universal cylinder-holding band allows for the use of double cylinders. It features moulded, anti-slip harness pads and high-tenacity plastic slide-straps. The pressure regulator has an output flow capacity greater than 1000 l/minute. The time-to-whistle based on current air consumption (<5 l/min) is integrated in the pressure sensor module under the pressure gauge. The pressure reducer is fitted with fast and rotating safety connections for medium and high pressure tubes and safety valve integrated into the medium pressure tube itself. The first stage reducer snap fit connection allows the pneumatics to be fitted or removed quickly and easily from the set (sold separately). Approved according to EN 137 class?

COMPRESSED AIR LDV VALVE

Short tube (50 cm) with standard screw connection according to EN148/3 M45X3, automatic and balanced type; EN 137 compliant.

PANORAMA NOVA STANDARD PE EPDM FULL-FACE MASK

Full face mask for compressed air breathing apparatus with standard M45X3 UNI-EN 148 connection; mask body in EPDM, double sealing frame, polycarbonate visor, visor frame in composite material. Speech diaphragm in composite material and firestop in stainless steel mesh. Compliant with EN 136 class 3.

CYLINDER

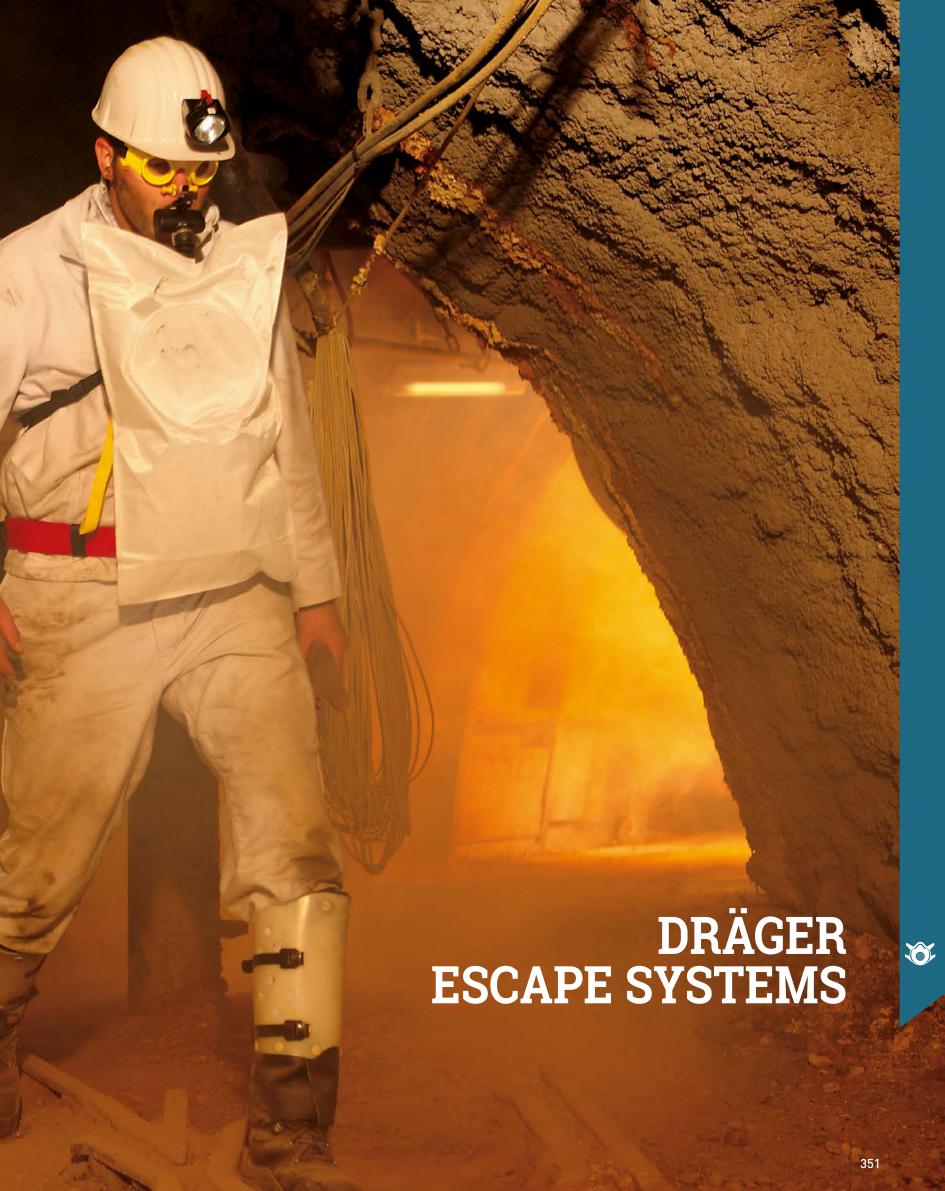
7 litre 200 bar in STAINLESS STEEL - Compressed air cylinder with a capacity of 7 litres (measured with liquid) approved for an operating pressure of 200 bar. Supplied with cumulative test certificate.

200 BAR DIN VALVE

For breathable air with a shank connected to the cylinder, cylinder thread according to EN 144-1 M18x1.5; female outlet fitting DIN 5/8" standardised EN 144-2. Supplied with 0-Ring seal and suction tube. CE marking according to the PED directive.







DRÄGER ESCAPE SYSTEMS







FA2013

PARAT 5510

EN 403 DIN 58647-7

The Parat 5510 escape hood assures **15 minutes** actual protection against toxic gas, dust, vapours, filtering out even the feared, odourless "carbon monoxide". The Parat 5510 hood assures eye and airways protection, ensuring a fast and safe escape even in smoke filled areas. It is also suitable for non-specialist personnel and for individuals wearing prescription glasses. The Parat 5510 is constructed in high resistance, high visibility, self-extinguishing fabric that withstands fire exposure with temperature exceeding 1000°C. It is fitted with a CO P2 filter protecting against gases that develop in a fire (chlorine, hydrochloric acid, nitrogen monoxide, sulphur dioxide).

Total weight of hood: 660 grams. Dimensions: 190 x 135 x 90 mm.

Duration of the sealed package: 16 years. 8 years for the universal CO P2 filter.

FA2012

SPARE FILTER FOR PARAT 5510

FA2016

OXY 3000 MK II

EN 13794

Self-rescuer with mouthpiece that supplies employees with oxygen for **30 minutes** in the event of an incident or emergency. Effective in the case of oxygen deficiency, smoke or dangerous gases, it allows the user to gain time to complete a successful escape. The self-rescuer is designed in order to preserve the internal components from damage that might occur during normal work. The innovative Safety Eye also makes it possible to check in few seconds the functionality of the device.

- one-handed operation opening mechanism;
- immediate activation of starter when donning the device;
- $\boldsymbol{\cdot}$ bite mouthpiece for high wearing comfort;
- · anti-static breathing bag.

Worn with a hip or shoulder strap.





PARAT 3100

DIN 58647-7

Every time a fire breaks out or an accident happens, a rapid and safe escape becomes a matter of life and death. The Parat 3100 escape device, with incorporated ABEK filter, guarantees a rapid and secure escape. It is also suitable for non-trained personnel. It protects the user's airways for at least **15 minutes**, ensuring a perfect way of escaping in areas contaminated by gases and vapours. The system is enclosed in a sturdy and handy case, in shockproof material with easy opening and belt clip to carry the device. Dimensions: 170x110x90 mm.

Weight: 360 grams.

Total shelf life: 12 years with filter replacement every 4 years.

FA2011

PARAT 3100 SPARE FILTER







POWERED AIR-PURIFYING RESPIRATORS

SAFETY VISOR AND HELMET FOR FILTERED AIR WITH RECHARGEABLE FAN WITH WAIST MOUNTED BLOWER UNIT AND PSL OR A2PSL FILTERS.



FA2303

JETSTREAM® PSL CONSTRUCTOR KIT

EN 12941 TH2 EN 397 EN 166

Construction work JetStream portable kit containing:

- · Mk7 safety helmet complete with sealed polycarbonate visor
- · PSL type filter unit
- · Hose
- · Flow meter
- · Battery, charger and plug

FA2304

JETSTREAM® A2PSL CONSTRUCTOR KIT

EN 12941 TH2 EN 397 EN 166

Version with A2PSL filter



FA2305

JETSTREAM® PSL INDUSTRIAL KIT

EN 12941 TH2 EN 166

JetStream portable kit for industrial use containing:

- Visor for grinding/buffing
- · PSL type filter unit
- · Hose
- · Flow meter
- · Battery, charger and plug

FA2306

JETSTREAM® A2PSL INDUSTRIAL KIT

EN 12941 TH2 EN 166

Version with A2PSL filter



FA2301

JETSTREAM® PSL WELDING KIT

EN 12941 TH2 EN 175 EN 379 EN 166

JetStream welding portable kit containing:

- · Cobra headtop for welding/grinding/buffing, shade 9-13 and auto-darkening lens
- · PSL type filter unit
- · Hose
- $\cdot \ \mathsf{Flow} \ \mathsf{meter}$
- · Battery, charger and plug

FA2302

JETSTREAM® A2PSL WELDING KIT

EN 12941 TH2 EN 175 EN 379 EN 166

Version with A2PSL filter





POWERED AIR PURIFYING RESPIRATORS POWERCAP[#] ACTIVE IP[™]





POWERCAP® ACTIVE IP™ KIT

EN 12941 TH1P **EN 812 EN 166** 1B

Light and ergonomic solution capable of efficiently working in very dusty environments.

01 FILTERS

featuring high performance sub-micron particulates, with front and back part in shockproof polystyrene

02 IMPELLER

in ABS

03 BUMP CAP

textile, antipilling, with rigid inserts for the actuation device

4 FACE SEAL

in foam with Nylon cover

05 VISOR

in polycarbonate







· Protective cap



· Spare filters



POWERCAP[®] INFINITY[™]

FA2326

POWERCAP® INFINITY™ KIT

EN 12941 TH3P EN 397 EN 166

MAIN FEATURES AND ADVANTAGES

The unit features a display with warnings and audible notification for battery and filter conditions, allowing the user to monitor it effectively.

Smart reactive PPE for the user: real time diagnostics monitors the system twice per second, allowing the user to identify any problem of the unit.

. The battery on the Powercap Infinity is completely rechargeable, and lasts 8 hours.

The key items of the unit can be replaced by the user, assuring easy maintenance and cleaning.

The optimal air flow of Powercap® Infinity™, obtained through work with aerodynamics experts in motor sports, prevents any visor fogging and the common undesired effect of dry eyes, which might happen with positive pressure respirator devices.

UNIT DIMENSIONS

Height: 300 mm approx. Width: 250 mm approx. Depth: 350 mm approx. Weight: 1.1 kg approx.

OUTER PACKAGE

Quantity: 1

Weight: 1.6 kg approximately

CONFORMITY

Meets the requirements of EN 12941:1998+A2:2008 TH3 as Respiratory Protection Device

EU Type Test Certificate number 59716

Visor: EN 166:2001 1.B Helmet: EN 397:2012+A1:2012





THE FIRST JSP 4-IN-1 HEAD UNIT PROVIDING FULLY INTEGRATED PROTECTION

PERFORMANCE

Powercap® Infinity™ offers respiratory protection TH3, with a Nominal Protection Factor of 500 (UK APF 40). The grade B visor offers impact protection up to 270 mph, with optical Class 1, allowing the users to wear the unit for the time required without effort. The visor is also scratch-proof, a great advantage in industrial work. Built around an EVO®5 helmet combining a super strong ABS shell for superior all day protection with the comfort benefits of the Evolution 3D harness system.





GAS DETECTORS - BW

GAS DETECTOR CHOICE GUIDE		SINGLE GAS DETECTORS		MULTI-GAS DETECTORS										
		GAS ALERT BW CLIP 2 YEARS	GAS ALERT BW CLIP 3 YEARS	GAS ALERT EXTREME	GAS ALERT MICROCLIP XL-X3	GAS ALERT MAX XT II	GAS ALERT QUATTRO	GAS ALERT MICRO 5	GAS ALERT MICRO 5 IR	CLIP 4	SOLO	ULTRA		
		Number of sensors		1	1	1	1-4	1-4	1-4	1-5	1-5	1-4	1	1-5
		Maintenance-free												
	ES	Water resistant												
		Data Logging												
	MAIN FEATURES	Event Logging												
	¥	Integral Pump								*	*			
П		Gas Percentage Display												
Ш		Intelliflash Feature												
h		Sulphuric Acid	H ₂ S											
		Carbon Monoxide	CO											
		Carbon Dioxide	CO ₂											
П		Oxygen	02											
П		Fuels	LEL											
П		Sulphur Dioxide	SO ₂											
П		Hydrocyanic Acid	HCN											
	2	Chlorine	CL ₂											
	GAS	Nitrogen Dioxide	NO_2											
Ш		Ammonia	NH ₃											
		Chlorine Dioxide	CLO ₂											
		Ozone	03											
Ш		Nitric Oxide	NO											
		Phosphine	PH ₃											
		Ethylene Oxide	ETO											
		Hydrogen	H ₂											
	4	ONLY ON DECLIFET												

NLY ON REQUEST

CONFINED SPACE KIT CARRYING CASE AVAILABLE FOR ALL MODELS OF GAS DETECTORS





GAS DETECTORS - BW



FG110003	BW Clip*	H ₂ S	2 years
FG110004	BW Clip*	CO	2 years
FG110005	BW Clip	02	2 years
FG110001	BW Clip	\$0 ₂	2 years
FG110002	BW Clip	H₂S	3 years
FG110006	BW Clip	CO	3 years

Main features of the BW CLIP:

- \cdot It works up to 3 years, without maintenance, with no need for calibration and
- replacement of sensors or batteries.
- · One button operation.
- · Automatic logging of the 35 most recent events of gas detection and impact test results.
- · Water resistant.
- · Automatic self test of battery, sensors and electronic components.
- · Compatible with MicroDock II.
- Introduction of the automatic IntelliDox system which allows faster Bump Tests, reduced gas consumption, optional customisation based on operational needs.
- * with hibernation function.







FG110015	Gas Alert Extreme	H ₂ S
FG110016	Gas Alert Extreme	CO
FG110020	Gas Alert Extreme	NH ₃
FG110022	Gas Alert Extreme	Cl ₂
FG110024	Gas Alert Extreme	HCN
FG110026	Gas Alert Extreme	PH ₃
FG110027	Gas Alert Extreme	02

- Full self-test function of sensors, battery status, circuit integrity and audio/visual alarms. Continuous LCD displays real-time gas concentrations.
- · Low, high, TWA and STEL alarms with adjustable settings.
- Acoustic (95dB), visual and vibrating alarm. Shockproof and water resistant casing. Also available in data logging version.
- · Compact size 2.8 x 5.0 x 9.5 cm.
- · Lightweight 82 g.



FG110007	Gas Alert Microclip XL 1 GAS	LEL
FG110008	Gas Alert Microclip XL 2 GAS	LEL, O ₂
FG110009	Gas Alert Microclip XL 4 GAS	LEL, O ₂ , H ₂ S, CO
FG110011	Gas Alert Microclip XL 3 GAS	LEL, O ₂ , CO
FG110031	Gas Alert Microclip XL 2 GAS	H₂S, CO

- Detects up to 4 gases simultaneously (H2S, CO, O2, LEL).
- · Continuous LCD displays real-time gas concentrations.
- IntelliFlash feature: continuous visual confirmation of detector operation and efficiency through a flashing green light.
- Full self-test function of sensors, battery status, circuit integrity and audio/visual alarms.
- · Rechargeable batteries.
- · Acoustic (95 dB), visual and vibrating alarm.
- · Low, high, TWA (Time Weighted Average), STEL (Short Term Exposure Limit) alarm for toxic gases and OL (Over Limit) alarm for combustible gases.
- Data and event logging.
- Impact and water resistant casing.
- Dimensions 11.3 x 6.0 x 3.1 cm.
- · Lightweight 190 g.

Two-year warranty; high dust and water protection rating IP68 (up to 45 minutes at a depth of 1.2 m); battery duration 18 hours even in difficult weather conditions down to -20° C.

FG110028	Microclip X3 1 GAS	LEL
FG110029	Microclip X3 2 GAS	LEL, O ₂
FG110010	Microclip X3 4 GAS	LEL, O ₂ , H ₂ S, CO
FG110012	Microclip X3 3 GAS	LEL, O ₂ , CO
FG110030	Microclip X3 2 GAS	H₂S, CO

Service life 5 years, supported by 3-year warranty; new 0_2 sensor that does not require replacing during the detector's service life; high dust and water protection rating IP68 (up to 45 minutes at a depth of 1.2 m); battery duration 18 hours even in difficult weather conditions down to -20° C.

FG110047	Spare LEL sensor
FG110048	Spare HS sensor
FG110049	Spare CO sensor
FG110013	Spare O ₂ sensor
FG110044	Multi-gas 34 L cylinder
FG110105	Wall battery charger for XL and X3



FG110032 Gas Alert Max XT II 4 GAS

LEL, O₂, H₂S, CO

∑Detects up to 4 gases simultaneously (H₂S, CO, O₂, LEL).

Continuous LCD displays real-time gas concentrations.

\(\bigcirc{\pi}{\pi}\) Full self-test function of sensors, battery status, circuit integrity and audio/visual alarms.

 $\overline{\Sigma}$ Fitted with integrated motor pump and 3m sampling tube for gas detection in confined spaces.

Impact and water resistant casing.

TFeatures: advanced microprocessors, and easy plug in/replaceable catalytic and electrochemical

∑Low, high, TWA (Time Weighted Average), STEL (Short Term Exposure Limit) alarm for toxic gases and OL (Over Limit) alarm for combustible gases, low battery.

\(\Sigma\) Acoustic (95 dB), visual and vibrating alarm.

TRechargeable batteries.

∑Compact 13.1 x 7.0 x 5.2 cm. ∑Weight 328 g.

FG110037 Gas Alert Max XT II carrying case with calibration kit

Included in the case: gas detector, batteries, anti-shock casing, calibration gas cylinder, demand flow regulator and the 3 m sampling tube.



5 GAS STANDARD VERSION FOR TOXIC GASES		
FG110033	Gas Alert Micro 5	H ₂ S, CO, O ₂ , LEL, SO ₂
FG110035	Gas Alert Micro 5	H ₂ S, CO, O ₂ , LEL, Cl ₂

This detector monitors up to 5 potential gases.

Caution: check the possible combinations among the following detectable gases: H_2S , CO, SO_2 , PH_3 , NH₃, NO₂, HCN, CL₂, O₃.

5 GAS IR V	ERSION	
FG110042	Gas Alert Micro 5 IR	CO ₂ IR, LEL, O ₂ , CO, H ₂ S

This detector monitors up to 5 potential gases, among which CO₂, by means of an infrared sensor.



FG110043 Gas Alert Micro 5 carrying case with calibration kit

Included in the case: gas detector, calibration cylinders, demand flow regulator, rechargeable batteries and battery charger.

GAS DETECTORS - BW





FG110108	BW SOLO	0_2
FG110109	BW SOLO	CO
FG110110	BW SOLO	H ₂ S

Single gas detector with series 1 sensors for CO, H_2S and O_2 . Assures high accuracy, long duration and faster sensor response time for the most commonly detected gases.

MAIN FEATURES

- Withstands temperatures from -40 °C to 60 °C.
- · Easy to read display for several languages.
- · One button operation.
- · Measurements 7.0 x 6.7 x 3.6 cm.
- Weight from 103 to 116 g, according to the installed sensor.
- Alarm: Visual, vibration, acoustic (95 dB);
 Low, High, TWA, STEL, non conformity.

The single gas detector is easy to service, does not need to be disassembled to replace sensors, batteries and sensor filters.
Sensor life 5 years. 3-year guarantee.

Available sensors:

- · Hydrogen Sulphide (H₂S)
- · Carbon monoxide (CO)
- · Oxygen (O₂)
- · Sulphur Dioxide (SO₂)
- · Hydrogen (H₂)
- · Ammonia (NH₃)
- · Chlorine (Cl₂)
- · Nitrogen Dioxide (NO₂)
- · Hydrocyanic Acid (HCN)
- Ozone (0₃)
- · Ethylene Oxide (ETO)
- · Phosphine (PH₃)
- · Nitric Oxide (NO)
- · Chlorine Dioxide (ClO₂)



FG110039	Gas Alert Quattro 4 Gas	LEL, O ₂ , H ₂ S, CO
FG110040	Gas Alert Quattro 3 Gas	LEL, O ₂ , CO
FG110041	Gas Alert Quattro 2 Gas	LEL, O ₂

- Rugged and reliable, combines a comprehensive range of features with simple one-button operation.
- Detects up to 4 gases simultaneously (H_2S , CO, O_2 , LEL).
- Continuous LCD displays real-time gas concentrations and easy to identify icons for information on operation.
- Intelliflash feature: continuous visual confirmation of detector operation and efficiency through a flashing green light.
- · Full self-test function of sensors, battery status, circuit integrity and audio/visual alarms.
- · Impact and water resistant casing.
- Features: advanced microprocessors, and easy plug in/replaceable catalytic and electrochemical sensors
- Low, high, TWA (Time Weighted Average), STEL (Short Term Exposure Limit) alarm for toxic gases and OL (Over Limit) alarm for combustible gases.
- · Rechargeable batteries
- · Acoustic (95dB), visual (six red LEDs) and vibrating alarm.
- · Compact 13.0 x 8.1 x 4.7 cm.
- · Weight 316 g.



SA110008	Multi-gas detector calibration service
SA110009	Inspection service without repair
SA110007	Single gas calibration service



FG110014 BW CLIP 4

H₂S, CO, O₂, LEL

The four gas detector BW Clip4 - Hydrogen Sulphide (H₂S), Carbon Monoxide (CO), Oxygen (O₂) and Combustible Gases (LEL) - is small and easy to wear, long-lasting and ergonomic. After activation, the BW Clip4 detector remains always on and assures continuous operation for 2 years, with no need to charge or replace the battery or sensors.

- · Easy to use, one-button operation.
- · User-friendly LCD icons.
- · Real time gas concentrations displayed on the LCD.
- The red blinking non conformity indicators alert the user that the detector has not been tested (Bump Test) as required.
- Automatic test for sensor integrity, battery status, circuit integrity and acoustic/visual alarms performed daily.
- · Integrated anti-shock and water resistant casing.
- Tested to withstand the most challenging environments.
- · Dimensions: 12.0 x 6.8 x 3.2 cm.
- · Weight: 233 g.
- Alarm Types: Visual, vibration, acoustic (95 dB); Low, High, TWA, STEL, Over Limit (OL).



FG110111	BW ULTRA 4 GAS	O ₂ , LEL, H ₂ S, CO
FG110112	BW ULTRA 5 GAS	O ₂ , LEL, H ₂ S, CO, CL ₂
FG110113	BW ULTRA 5 GAS	O ₂ , LEL, H ₂ S, CO, NH ₃
FG110114	BW ULTRA 5 GAS	0 ₂ , LEL, H ₂ S, CO, SO ₂
FG110115	BW ULTRA 5 GAS	0 ₂ , LEL, H ₂ S, CO, CO ₂ , IR

Specifically designed for sampling and monitoring in confined spaces, Honeywell BW Ultra boasts state-of-the-art sensors, better visibility of the gas readings and higher levels of comfort and connectivity. It assures conformity to all safety standards, also offers the option of selecting a fifth sensor from a list of gases. It is fitted with a series 1 sensor, able to provide rapid response, reliable performances and long service life even in the most challenging environments.

MAIN FEATURES AND ADVANTAGES

- · Extraordinary simplicity of use.
- · Tamper-proof, one-button operation.
- · User-friendly LCD icons.
- · Easy maintenance and servicing.
- Greater visibility thanks to the wide, intuitive dot-matrix display for clearer reading.
- Smart gas layout for clearer sensor reading.
- · Confined space mode.
- IntelliFlash[™] and Reverse IntelliFlash[™] technology for full compliance with the standards in force.
- Honeycomb structure case for greater sturdiness.
- · Smart layout of protection points.
- · Display with scratchproof protection.
- Compatibility with the Honeywell Connected Worker solution.

- · Honeywell TouchConnect $\mbox{\footnotemath{^{TM}}}$ technology to activate functions.
- Supported by the Honeywell Safety Suite software to send reports.
- · Ergonomic design for ease of use.
- · Light yet sturdy design.
- Perfectly adapts to your hand to make sampling operations easier.
- · Ultra fast.
- · Rapid response sensor technology.
- · Wide display.
- Quick calibration and bump test operations thanks to the IntelliDoX system.
- · Dimensions: 14.8 x 8.5 x 4 cm.
- · Weight: 411 gr (including gripper).
- · Alarm types: visual, vibration, acoustic (95 dB); Low, High, TWA, STEL, Over Limit (OL).



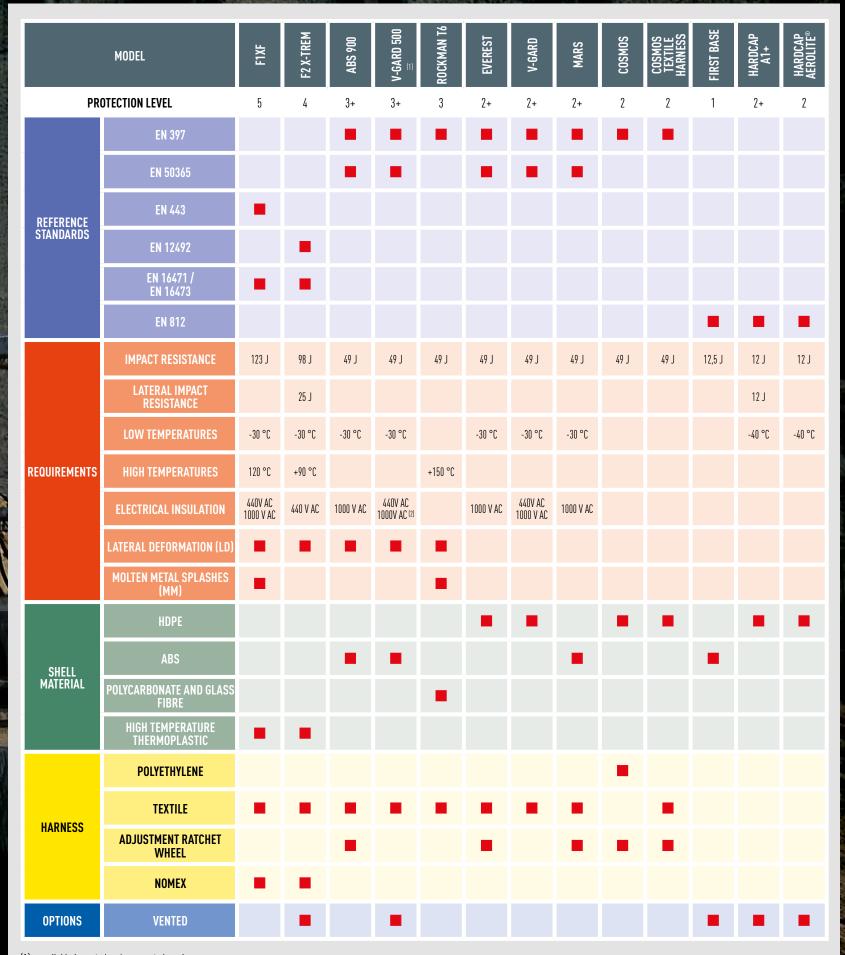
HELMETS

Helmets are designed and built to protect the user's head from vertical and lateral impacts caused by falling, swinging or flying materials. They consist of an outer shell and inner lining. The inner part, depending on the model, may consist of supporting bands, perimeter band rear band, sweatband and internal padding. The protective helmet must have a high resistance to impact and penetration, in compliance with the requirements set forth by standard EN 397. The distance between the user's head and the inner part of the shell ensures the useful deflection for exhausting the impact energy.

The helmet's shape must deviate the objects that hit it, possibly tangentially. The internal structure of the helmet must distribute the loads that may weigh on the head. The sweatband must be made of material suitable for contact with the skin and assure correct positioning of the helmet.

The rear band, together with the adjustable perimeter strap, must assure correct positioning of the helmet even in a stooping position. Helmets must be secured to the head by a chinstrap so that they cannot move or fall.

EN 397	EN standard 397 sets forth the requirements for protective helmets for industry, intended essentially to protect the user from falling objects and from brain injuries and skull fractures they may cause. The requirements are as follows: · impact resistance: force transmitted to the head ≤5.0 kN with impact energy 49 J (a mass of 5 kg falling from a height of 1 metre); · penetration resistance: no penetration with impact energy 29 J (a mass of 3 kg falling from a height of 1 metre); · flame resistance: no damage after exposure to the flame for 5 seconds; · resistance to low temperature (-20 °C or -30 °C): impact and penetration resistance at a temperature of -20 °C or -30 °C. Optional requirements; · resistance to high temperature (+150 °C): impact and penetration resistance at a temperature of 150 °C. Optional requirements; · electrical properties (440 V AC): leakage current ≤1.2 mA at a voltage of 1,200 V AC Optional requirement; · lateral deformation (LD) ≤40 mm and residual deformation ≤15 mm, when subject to a progressive load up to 430 N. Optional requirement; · molten metal splashes (MM): no damage after contact with 150 g of molten iron. Optional requirement.
EN 812	EN standard 812 specifies the performance requirements for bump caps for industry. Bump caps for industry are intended to protect the user against the effects of head impact against a hard and stationary object, the severity of which is such as to cause a cut or other superficial injuries. This head gear is not intended to protect from the effects of falling or throwing objects or from suspended or moving loads, in these cases it is required to use industrial safety helmets compliant with EN 397. The requirements are as follows: · impact resistance: force transmitted to the head ≤15.0 kN with impact energy 12.5 J (a mass of 5 kg falling from a height of 25 centimetres); · penetration resistance: no penetration with impact energy 2.5 J (a mass of 0.5 kg falling from a height of 50 centimetres); · resistance to low temperature (-20 °C or -30 °C): impact and penetration resistance at a temperature of -20 °C or -30 °C. Optional requirements; · flame resistance (F): no damage after exposure to the flame for 5 seconds. Optional requirements; · electrical properties (440 V AC): leakage current ≤1.2 mA at a voltage of 1,200 V AC Optional requirement.
EN 50365	EN standard 50365 sets forth the requirements for insulating helmets, to be used in high voltage work or near live parts on installations with voltages not exceeding 1000 V AC and 1500 V DC. If used jointly with other insulating equipment, these helmets prevent the electrical current from going through the human body via the head.
EN 443	EN standard 443 specifies the minimum requirements for Firefighters' helmets, intended to protect the upper head against the effects of impact, penetration, lateral deformation, radiant heat, molten metals and flames, during fire fighting in buildings and other structures.
EN 12492	EN standard 12492 sets forth the safety requirements for protection helmets used for working at height. The helmet is tested against vertical, frontal, lateral and rear impact. In all these conditions, the force transmitted to the head must be ≤10 kN. Penetration resistance is also tested, with impact energy 1.5 J (a mass of 3 kg falling from a height of 50 mm).
EN 16471	EN standard 16471 specifies the minimum requirements for helmets for fighting forest and/or vegetation fires that mainly protect the upper part of the head against the effects of an impact, penetration, heat, flames and burning embers.
EN 16472	EN standard 16472 specifies a method for achieving accelerated artificial photo-ageing of test specimens.
EN 16473	EN standard 16473 specifies the minimum requirements for technical rescue helmets, intended to protect the upper head mainly against the effects of mechanical hazards such as impact and penetration, flame, electrical and chemical hazards.
EN 14458	EN standard 14458 specifies the minimum requirements for visors designed specifically to be used only with protective helmets.



^{(1) =} available in vented and non-vented version

^{(2) =} only for non-vented version

COSMOS















COSMOS HELMET

FN 397

Helmet in polyethylene with polyethylene four-point head harness. With slots for fitting earmuffs, chinstrap attachment, ratchet wheel for size adjustment and sweatband.

One size fits all.

MD1211SO Green

MD1211K1	White
MD1211E0	Yellow
MD1211H0	Orange
MD1211L0	Red
MD1211P0	Blue



COSMOS HELMET

FN 39

Helmet in polyethylene with internal textile four-point head harness. With slots for fitting earmuffs, chinstrap attachment, ratchet wheel for size adjustment and sweatband.

One size fits all.

MD1219K1 White
MD1219E0 Yellow
MD1219H0 Orange
MD1219L0 Red
MD1219P0 Blue



MD1512 CHINSTRAP Adjustable Nylon chinstrap for Cosmos helmet.



MD1513 SWEATBAND Sweatband for Cosmos helmet.

MD1219SO Green



KIT OF REFLECTIVE STICKERS FOR COSMOS HELMET

Stickers in highly reflective, scratch-proof adhesive prismatic band.

MD1529L0 Red

MD1529E0 Yellow

MD1529X7 Silver

MD1529P0 Blue











HELMET LAMP

350 lumen multipurpose front lamp. Mixed and wide light beam, ideal for outdoor activities. The red light and elastic band allows the user to be visible in the dark. Can be fitted on any helmet type.

ROCKMAN T6 HEAT-RESISTANT HELMET

EN 397

In polycarbonate and glass fibre. Six-point Terylene fabric head harness, withstands temperatures up to 150°C, in red colour.
Resistant to molten metal splashes (MM) and lateral deformation (LD).

WATERPROOF HELMET COVER

To be secured onto the helmet with Velcro, to ensure neck and shoulders protection.



ABS 900









EN 397 EN 50365

Helmet in ABS with textile six-point head harness. With slots for hooking the earmuffs, two-point adjustable chinstrap, textile sweatband and ratchet wheel for easy size adjustment.

MD1215K1	White
MD1215E0	Yellow
MD1215H0	Orange
MD1215L0	Red
MD1215N0	Light blue
MD1215E1	High visibility yellow











MD1515 SWEATBAND

Sweatband for ABS 900, Mars and Everest helmets.

Not in photo:

FB1130

NECK COVER

Optional cover to protect the neck from debris, sun and rain.











MARS HELMETS

EN 397 EN 50365

Helmet in ABS with textile six-point head harness. With slots for hooking the earmuffs, three-point adjustable chinstrap with chincup, textile sweatband and ratchet wheel for easy size adjustment.

MD1217K1	White
MD1217E0	Yellow
MD1217H0	Orange
MD1217L0	Red
MD1217P0	Blue
MD1217B0	Grey











MD1515 SWEATBAND

Sweatband for ABS 900, Mars and Everest helmet.

KIT OF REFLECTIVE STICKERS FOR MARS HELMET

Stickers in highly reflective, scratch-proof adhesive prismatic band.

MD1530L0 Red
MD1530E0 Yellow
MD1530X7 Silver
MD1530P0 Blue













EVEREST



EVEREST HELMET

MD1216H1 High visibility orange

EN 397 EN 50365

The range of Everest safety helmets is made in HDPE. Withstands low temperatures down to -30°C. Wide textile sweatband. Four-point chinstrap adjustment with chincup to always ensure correct positioning. Textile 6-point head harness. Size with adjustment ratchet wheel 52-63.

MD1216K1 White

MD1216E0 Yellow

MD1216H0 Orange

MD1216N0 Light blue

MD1216E1 High visibility yellow



SWEATBAND

Sweatband for Everest, Mars and ABS 900 helmet.

















Smoke lens version.



MSA



V-GUARD HELMET

EN 397 EN 50365 EN ISO 80079-36

Helmets made of UV stabilised, high density polyethylene (HDPE), with Push-Key 4-point head harness and textile straps with ratchet wheel adjustment, for increased stability. Incorporated slots for hearing and face protection. Various colours available. Size adjustment between 52-62 cm.

Weight: 335 g.

Conforming to EN 397 standard and compliant with optional requirements:

- Very low temperature (-30°C);
- · Electrical insulation (440V AC);
- Electrical insulation approval: EN 50365 electric shock up to 1000 V AC or 1500 V DC;
- Antistatic approval: EN SO 80079-36 for zone 1, 2 Group IIA and for zone 20, 21, 22 Group IIIA, IIIB, IIIC.

MD1413K1	White	MD1413L0	Red
MD1413E0	Yellow	MD1413P0	Blue
MD1413H0	Orange	MD1413S0	Green

Not in photo:

MD1525

V-GARD HELMET MOUNTED EARMUFFS

EN 352-3

The V-Gard helmet muffs are fitted with soft and comfortable ear pads. With specific design for the right and the left ear, they adapt perfectly to the anatomy of the individual ensuring comfort and maximum efficiency. Low attenuation: 24 dB, H = 27, M = 22, L= 15.

MD1526

ELASTIC TWO-POINT CHINSTRAP

The two-point elasticated chinstrap for V-Gard helmets is particularly suited for working at height and in very windy areas.

MD1527

POLYCARBONATE VISOR FOR ARC FLASH

EN 166 3 8 9 BT **EN 170** 3-1.2 1 B 3 8 9

Polycarbonate visor for arc flash with frame for helmet with slot. Thickness 1.5 mm, dimensions 190x430 mm. Protection from splashes, short circuit arc flash, molten metals and hot solids.



V-GUARD 500 HELMETS

EN 397 EN 50365 EN ISO 80079-36

High quality helmet with ABS shell with Push-Key 4-point head harness and textile straps with ratchet wheel adjustment, for increased stability. Available in vented (for which electrical insulation is not effective) and non-vented shell.

Incorporated slots for hearing and face protection.

Size adjustment between 52-62 cm.

Weight: 340 g.

Conforming to EN 397 standard and compliant with optional requirements:

- · Very low temperature (-30°C);
- · Lateral deformation (LD);
- · Electrical insulation (440V AC);
- Electrical insulation approval: EN 50365 electric shock up to 1000 V AC or 1500 V DC;
- Antistatic approval: EN ISO 80079-36 for zone 1, 2 Group IIA and for zone 20, 21, 22 Group IIIA, IIIB,

MD1414K1	White
MD1414E0	Yellow
MD1414H0	Orange
MD1414L0	Red
MD1414P0	Blue
MD1414S0	Green
MD1414B0	Grey
MD1414Z9	Black





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V-GARD 500

٥	EN 397		
STANDARD	EN 50365		
S	EN 80079-36		
ii.	ABS		
SHELL	HDPE	V	





EN 443 EN16471 EN 16473 EN 14458

The new F1XF helmet is ideal for structural firefighting, in buildings, tunnels and other structures.

Shell: injection moulded, high-temperature resistant thermoplastic material.

Shock absorption padding: shock absorbing polyurethane foam with moulded reinforcement in aramid.

Flame resistant padded headband and chinstrap cover.

Chinstrap: 3-point, adjustable with quick release buckle. Face shield: protective visor in thermoplastic material with gold coating.

Ready for fitting integrated short-range lamp for excellent visibility in dark and smoky environments. **Weight:** 1450 g. (M) - 1550 gr. (L)

Sizes: M (52-62 cm) and L (57-65 cm).

MD1411K1	White
MD1411E0	Yellow
MD1411E1	High visibility yellow
MD1411H1	High visibility orange
MD1411L0	Red
MD1411P0	Blue
MD1411S0	Green
MD1411B0	Grey
MD1411Z9	Black



EN 12492 EN 16471 EN 16473

Helmet for forest fires and rescue, with lightweight thermoplastic shell with ventilation holes, safety goggles against splinters and smoke in compliance with standard EN 166 CE integrated to the structure with adjustable elastic strap, reflective stickers; quick adjustment with head harness and 3-point chinstrap and integrated

Weight 680 g without accessories. One size fits all, adjustable from 52 to 64 cm. Ready for fitting lamp MD1524.

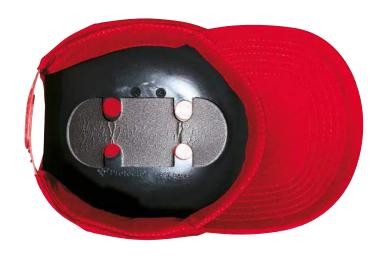
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MD1412K1	White	
MD1412E0	Yellow	
MD1412E1	High visibility yellow	
MD1412H1	High visibility orange	
MD1412L0	Red	
MD1412P0	Blue	
MD1412S0	Green	
MD1412B0	Grey	
MD1412Z9	Black	

MD1524

F2 X-TREM HELMET LAMP



BUMP CAPS





















FIRST BASE BUMP CAP

EN 81

Designed for use in situations that do not pose serious impact risks. The design is inspired by baseball caps, made in 100% cotton. Light internal protective shell, in washable ABS.

An additional polyurethane foam layer acts as spacer and increases the user's comfort.

MD1111L0	Red
MD1111H0	Orange
MD1111E0	Yellow
MD1111S0	Green
MD1111P8	Royal blue
MD1111P0	Blue
MD1111Z9	Black
MD1111B0	Grey
MD1111K1	White







HARDCAP™ AEROLITE^Æ

EN 812

Safety bump cap with sturdy and light HDPE shell, with side reflective bands for increased visibility. Comfortable padding and mesh fabric cap to assure breathability even if worn for long periods. Removable and washable cap.

1. MD1114Q7 Short 5 cm peak, navy blue

2. MD1114Z9 Short 5 cm peak, black

3. MD1117K1 Micro 2.5 cm peak, washable at 60°C, white



HARDCAP™ A1+Æ

EN 812

HDPE shell for protection from top and lateral impacts. Cap with mesh fabric panels and perforated shell for increased breathability, with reflective edges. Removable and washable cap.

4. MD1115Q7 Short 5 cm peak, flame retardant version, tested at 180° C, navy blue

5. MD1116LO Short 5 cm peak, red

6. MD1116Q7 Short 5 cm peak, navy blue

7. MD1116ZH Short 5 cm peak, black/orange

B. MD1116H1 Short 5 cm peak, high visibility orange

9. MD1118K1 Micro 2.5 cm peak, stain resistant and waterproof, with removable hairnet and metal loop for machinery detection



HELMET FACE SHIELDS







FB1138

RADIO SHIELD

Golden polycarbonate helmet shield. Provides high protection by reflecting the heat from furnaces or from melting processes. Its shape and ample fit ensure thermal insulation and mechanical protection for face, neck and temples. The light green inner tint assures excellent vision. Designed for maximum efficiency when working with incandescent materials. Height 25 cm.

FB1111

CLEAR MESH SHIELD

Impact resistant face shield with wrap-around shape for clear, undistorted view. The reinforced aluminium edge provides great rigidity. Height 20 cm.

FB1114

ALUMINIUM ADAPTER

For FB1111, FB1112, FB1113 and FB1135 visors.

Not in photo: FB1112

GREEN POLYCARBONATE MESH SHIELD

In polycarbonate with reinforced aluminium edges. Impact resistant. Green. Height 20 cm.

FB1135

INTEGRA SHIELD

Polycarbonate shield with ABS chincup. Provides excellent protection against splashes. Height 21 cm.

FB1139

ADAPTER FOR GOLDEN VISOR



FB1133

ARC INTEGRA SHIELD

EN 166 8 AT Class 1 EN 170 GS-ET-29 3-1.7 1 AT 8-1-1 9 K 3

Face shield in polycarbonate, attachable to helmet, with chincup and ABS adapter. Protects from highspeed particles at extreme temperatures, splashes of molten metals and incandescent solids and from liquid drops and jets. It has no metal components and is certified for thermal risks caused by arc flash. Suitable for use with Mars series helmets. Height 24 cm.



FB1130

NECK COVER

Optional cover to protect the neck from debris, sun

FB1113

METAL MESH SHIELD

Made of metal mesh providing protection against impacts with large bodies, such as stones, wood,

Height 20 cm.



FB1137

PRETORIA SHIELD

EN 166

In polycarbonate, suitable for use with Cosmos helmets. Height 20 cm.

FB1136

ADAPTER FOR COSMOS **HELMET**

FACE SHIELDS



FB1215

GHOST SHIELD

EN 166 1F

Padded half-shell visor secured to the head by adjustable elastic band. Height 20 cm.



FB1216

URBAN SHIELD

EN 1731

Mesh visor fitted with adjustable elastic band. Height 20 cm.



FB1217

NORDIKA SHIELD

EN 166 B

Clear polycarbonate visor. Padded half-shell adjustable in height and circumference. Height 20 cm.









FB1115

MESH POLYCARBONATE SHIELD

EN 166 3 BT

Full visor consisting of polycarbonate shield. Aluminium reinforced edge. The shell is adjustable in height and circumference and is padded with a frontal sweatband. Height 20 cm.

FB1117

METAL MESH SHIELD

EN 1731 |

The very thin, close-knit metal mesh structure blocks even small solids. Height 20 cm.

FB1131

SECURA SHIELD

EN 166 GS-ET-29 CLASSE 1

Full visor consisting of polycarbonate shield. It provides mechanical protection from impact and thermal risks caused by arc flash. Adjustable for optimal comfort, it withstands medium energy impacts and protects from liquid splashes and drops.

Height 20 cm.

FB1132

INTEGRA SHIELD

EN 166 3 BT

Full visor consisting of polycarbonate shield and ABS chin cup. Protects from impact with high-speed particles and extreme temperature and medium energy. Provides excellent protection against liquid splashes thanks to the chin cup. Height 21 cm.



SAFETY GLASSES

CLEAR LENS SPORT SERIES



MODEL

ALL HAVE ERGONOMIC TEMPLES AND WRAP-AROUND LENSES PROVIDING A DISTORTION-FREE. 180∞ VISION.

FRAME

ALL ARE HIGHLY DURABLE AND ERGONOMIC. MANY MODELS HAVE EXTENDIBLE TEMPLES AND RUBBERISED TIPS FOR BETTER GRIP BEHIND THE EARS.

NOSE PIECE

MOST MODELS FEATURE A SOFT, NON-SLIP NOSE PIECE FOR GREATER COMFORT.

LENSES

ALL HAVE A MINIMUM THICKNESS
OF 2.2 MM, A SCRATCH RESISTANT
TREATMENT AND SOME MODELS ARE
AVAILABLE WITH A SPECIAL ANTI-FOG
TREATMENT. THEY HAVE ALL BEEN
COMPUTER INSPECTED.



FB1314

NYLON

EN 166 1 F

Adjustable temples. Clear lens 2-1,2 1 F.



FB1316

ACCIAIO

EN 166 F

Flexible and extendible temples. Clear lens 2-1.2 1 F.



FB1317

FB1313

Clear lens 2-1,2 1 F.

FB1315

GOMMA

Comfort nose piece.

Clear lens 2-1.2 1 F.

EN 166 F

EN 166 F

URANIO CHIARO

SABBIA

EN 166 F

Adjustable temples. Clear lens 2-1,2 1 F.



FB1319

CESIO

EN 166 F

Adjustable temples. Clear lens 2-1,2 1 F.







FB1320

IODIO

EN 166 F

Clear lens 2-1,2 1 F.

FB1321

XENIO

EN 166 F

Comfort nose piece. Clear lens 2-1,2 1 F.

FB1322

SKY

EN 166 F

Adjustable temples. Clear lens 2-1,2 1 F.



FB1325

OSSIGENO CHIARO

EN 166 F

Particularly wide glasses for an integrated brow guard, nose piece and inner edge of soft EVA, flexible temples, anti-fog and anti-scratch treatment, integrated adjustable and detachable elastic strap. Clear lens 2C-1,2 1 F.



FB1326

FOSFORO CHIARO

EN 166 1FT

Adjustable, removable and replaceable temples with adjustable elastic strap, inner edge coupled with foam that absorbs any impact and protects against the entry of fine particles and splashes.

Anti-fog treatment. Clear lens 2C-1,2 1 FT.







FB1327

NEON

EN 166 F

Extremely light glasses, entirely transparent to prevent interruptions in the visual field, comfort nose piece.
Clear lens 2C-1,2 1 F.

FB1328

AZOTO CHIARO

EN 166 F

In polycarbonate, entirely transparent to prevent interruptions in the visual field. Clear lens 2C-1,2 1 F.

FB1329

ARGON CHIARO

EN 166 F

Entirely in polycarbonate with inner edge and foam padding that absorbs shock on impact and protects against the entry of fine particles and splashes. Clear lens 2C-1,2 1 F.



SAFETY GLASSES

DARK LENS SPORT SERIES

SPECIFICALLY DESIGNED FOR ENVIRONMENTS WITH BRIGHT LIGHTING. INTENDED FOR USE IN METAL CUTTING OR BLAST FURNACES.

Glasses marking according to EN 166

LENS SPECIFICATIONS	
	FILTER TYPE
2	Protection from UV rays with possible colour distortion
2C	Protection from UV rays with good colour recognition
4	Protection from infrared rays
5	Protection from sun not specifically for infrared
6	Protection from sun radiation with infrared specification
	LEVEL OF PROTECTION IN PRESENCE OF SUNLIGHT
1,2	Light passing from 74.4% to 99.9%
1,7	Light passing from 43.2% to 58.1%
2,5	Light passing from 17.8% to 29.1%
3,1	Light passing from 8% to 17.8%
	OPTICAL CLASS
1	For continual use
2	For intermittent use



FB1411

ZINCO

EN 166 F

Grey lens 5-2,5 1 F.



FB1412

ACCIAIO SCURO

EN 144 [

Dark lens, flexible temples. Provides adequate protection against the glare of sunlight. Lens 5 1 $\rm F.$



FB1418

BORA

EN 166 F

Dark grey lens with extendible temples, 5-2,5 1 F.



FB1420

AZOTO SCURO

EN 166 F

Entirely in smoky grey polycarbonate for use in environments with bright lighting. Grey lens 5-3,1 1 F.



FB1421

ARGON SCURO

EN 166

Entirely in smoky grey polycarbonate for use in environments with bright lighting, with inner foam padding that absorbs shock on impact and protects against the entry of fine particles and splashes. Grey lens 5-3,1 1 F.

FB1423

DOUBLE FACE

EN 166 F

Double lens, clear inner and dark outer for use in all work situations. The dark lens is conveniently lifted without needing to change glasses. Scratch-proof treatment.

Clear lens 2C-1,2 1 FT. Dark lens.

FRAME SPECIFICATIONS APPLICATIONS 3 Liquids 4 Large dust particles 5 Gases and fine dust particles 9 Molten and hot solid metals

LENS AND FRAME SPECIFICATIONS		
	MECHANICAL RESISTANCE	
F	Lens resistant to blows (Ø 6 mm steel ball travelling at 45 m/s)	
В	Lens resistant to blows (Ø 6 mm steel ball travelling at 120 m/s)	
S	Lens resistant to blows (Ø 22 mm steel ball travelling at 5.1 m/s)	
T	Lens resistant to high-speed particles at extreme temperatures	
K	Resistant to surface damage caused by fine particles	

FB1711 Glasses case Can be hooked to belt. FB1712 Adjustable elastic string For glasses, connecting temples directly through the holes. FB1713 Elastic cord For glasses with perforated temple endings.

ACCESSORIES

OVERGLASSES SERIES

THEY ARE USED TO PROTECT PRESCRIPTION GLASSES.

THE GREAT BREADTH AND STRENGTH OF THE LENS MAKE THEM SUITABLE FOR HEAVY DUTY WORK AND TASKS.



FB1318

TERRA

EN 166 S

Model with clear lens and extendible, flexible temples. Anti-fog treatment. Lens 2-1,2 1 $\rm S.$



FB1415

LAVA

EN 166 F

With grey lens. Lens 5-2,5 1 F.



FB1330

SNOW

EN 166 F

Clear lens and extensible temples. Anti-fog treatment. Lens 2C-1,2 1 FT.



FB1422

SMOKE

EN 166 FT

Grey lens and extensible temples. Anti-fog treatment. Lens 5-2,5 1 FT.





GOGGLES SERIES



SIT SIT



FB1615

ARGILLA

EN 166 B

Clear acetate lens, ventilated through air holes. Lens 2-1,2 1 B.

FB1617

VISION

EN 166 B

Goggles in soft PVC with wide adjustable strap, perfect adherence to the shape of the face. Polycarbonate lens $2-1,2\,1\,B$.

FB1626

GLOBUS

EN 166 3 4 9 BT

Clear lens, indirect aeration holes; inner edge and foam padding guarantee a perfect seal and adherence to the face. Anti-fog treatment. Lens 2C-1,2 1 BT.



FB1616

MERCURIO

EN 166 B 3 4

Large size clear lens for 180° all-round vision. Anti-fog treatment. Lens 2-1,2 2 B,



FB1627

DAVIS

EN 166 3 4 9 B

Clear lens, non ventilated for protection against splashes and drops and adjustable elastic with quick release. Anti-fog treatment. Lens 2C-1,2 1 B.



FB1629

ORSON

EN 166 BT

Clear lens, non ventilated in the top part for protection against splashes and ventilated in the lower part to prevent fogging. Inner edge with soft foam and adjustable elastic strap with quick release.

Lens 2C-1,2 1 BT.



FB1628

DRAGONFLY

EN 166 BT

Clear lens, indirect ventilation and adjustable elastic strap with quick release. Anti-fog treatment. Lens 2C-1,2 1 BT.







FB1620

EXCALIBUR SAFETY GLASSES

Large size clear lens for 180° all-round vision. Thanks to the internal side slits it can also be used by operators with prescription glasses. Transparent. Lens 2C-1,2 1 BT 3.

FB1623

EXCALIBUR VISOR

EN 166 BT 3

Protective visor in polycarbonate, protects from solid particles and also excellently against splashes. Transparent.

FB1621

EXCALIBUR GREY SAFETY GLASSES

Dark lens and dark frame version.

FB1624

EXCALIBUR GREY VISOR

EN 166 BT 3

Model in dark colour.





FIRE EXCALIBUR SHIELD

EN 166 BT K 3 4 5 9

Face goggles in heat and flame resistant material. Double lens, scratch resistant polycarbonate outside and acetate with anti-fog inside. Openable and adjustable elastic strap in flame-retardant material. Visor in polycarbonate, adjustable to four positions and with ventilation holes, effective against sources of heat. Clear lens 2C-1,2 1 BT K.



EARMUFFS

STARK EARMUFFS FEATURE POLYURETHANE CUSHIONS WITH A LARGE CONTACT SURFACE.

THE LARGE CUPS ENVELOPED IN SOFT POLYURETHANE PROVIDE SOFTNESS, COMFORT AND LOW PRESSURE ON THE FACE. ALL STARK EARMUFFS ARE ADJUSTABLE IN HEIGHT AND OFFER A WIDE RANGE OF OPTIONS FOR ANY SITUATION. SNR (SINGLE NUMBER RATING) IN DECIBEL; INDICATES THE AVERAGE VALUE OF NOISE ATTENUATION CALCULATED ACROSS ALL FREQUENCIES FROM 63 TO 4000 HZ.



FC1312

STARK 1

EN 352-1

Suitable for high noise level.

SNR 32.



FC1313

STARK 3

EN 352-1

Suitable for medium noise level. Foldable, can be stored in the pockets. ${\bf SNR~30.}$



FC1314

STARK 5

EN 352-1

Suitable for medium noise level, designed to fit large face shapes. ${\bf SNR}$ 29.



FC1315

STARK 9

EN 352-1

Suitable for high noise level, even in the aviation industry. Moulded, wide steel headband, assures stability and long wear comfort. **SNR 32.**





FC1311

CLARITY C1F

EN 352-

Foldable. Pocket-sized earmuff, available with carrying case. **SNR 26.**

Not in photo:

FC1413

Set of cushions and spare pads for Stark 3 earmuffs.

FC1414

Set of cushions and spare pads for Stark 9 earmuffs.

KOMBI EARMUFFS



FB1127

FORESTIER SYSTEM

EN 1731 EN 352-3

Forestry system supplied with helmet adaptor. Compatible with ABS 900, Mars and Cosmos. Suitable to combine double face and hearing protection, through a light and flexible mesh visor and ear muffs.

SNR 26.



FC1316

CLARITY EARMUFFS

EN 352-

Helmet-mounted model, can be fitted on ABS 900, Mars, Everest and Cosmos. Also available with universal adaptor.
Usable in three positions: work, standby and rest.

SNR 26.

FC1416

SET OF 10 CUSHION PAIRS

Spare cushions for article FC1316.



FC1317

MAX CLARITY EARMUFFS

EN 352-

Available either with universal adaptor or attachments with ABS 900, Mars, Everest and Cosmos helmets. Excellent level of attenuation, among the highest of its class. Usable in three positions: work, standby, rest.

SNR 30.

FC1415

SET OF 10 CUSHION PAIRS

Spare cushions for article FC1317.



EXPANDABLE EAR PLUGS

GENERAL FEATURES

- THEY SHOULD BE ROLLED BETWEEN TWO FINGERS AND THEN INSERTED INTO THE EAR. THEY EXPAND AND REGAIN THEIR ORIGINAL SHAPE, ADAPTING TO ALL SHAPES OF THE EAR CANAL.
- GREATEST DEGREE OF NOISE ATTENUATION ON THE MARKET.
- PREFORMED EXPANDED POLYURETHANE FOAM MATERIAL.
- CONE-SHAPED, AIDING THE CORRECT INSERTION IN THE EAR CANAL.
- SLOW EXPANSION ENSURES PROPER FIT INSIDE THE EAR.
- HYGIENE GUARANTEED BY THE SINGLE PACKAGING IN POLYETHYLENE BAGS.
- SNR (SINGLE NUMBER RATING) IN DECIBEL; INDICATES THE AVERAGE VALUE OF NOISE ATTENUATION CALCULATED ACROSS ALL FREQUENCIES FROM 63 TO 4000 HZ.





FC1112

X-FLEX

EN 352-2

Box of 200 pairs in single polybag. **SNR 34.**





Corded version, box of 200 pairs in single polybag.



FC1117

ULTRA

EN 352-2

Box of 200 pairs in single polybag. **SNR 37.**

Not in photo:

FC1118 ULTRA

......

EN 352-2

Dispenser refill box with 200 pairs. **SNR 37.**

FC1119

ULTRA

EN 352-2

Corded version, box of 200 pairs in single polybag.

SNR 37.





FC1120

KONUS

EN 352-2

Preformed polyurethane foam ear plugs. Suitable for low noise premises with hearing protection obligation. Box of 200 pairs.



FC1411

Dispenser unit of 500 pairs.

Not in photo:

FC1114

X-FLEX

EN 352-2

Refill box of 200 pairs for dispenser. **SNR 34.**



FC1111

MULTIMAX

EN 352-2

Pack of 200 pairs in single polybag. Women's and men's size. **SNR 35.**



FC1113

X-FLEX

EN 352-2

Pack of 10 pairs. SNR 34.



FC1115

X-FLEX

EN 352-2

Pack of 50 pairs. SNR 34.

REUSABLE EAR PLUGS



FC1211

QUIET

EN 352-2

In hypoallergenic compound. Washable version. Pack of 50 pairs. **SNR 28.**

FC1212

QUIET WITH CORD

EN 352

In hypoallergenic compound. Washable version. Pack of 50 pairs. SNR 28.



FC1214

QB 3

EN 352-2

Polyurethane ear plugs fitted on moulded headband. Design prevents contact with the work surface. Packs of 10 pairs. SNR 23.



FC1215

BLU POWER

EN 352-2

Corded ear plugs in special hypoallergenic and washable compound. Pack of 200 pairs. **SNR 29.**



FC1213

QB 1

EN 352-2

Hypoallergenic compound ear plugs fitted on moulded headband. Design prevents contact with the work surface. Washable version. Pack of 10 pairs. SNR 26.



FC1217

ONDA

EN 352-2

Polyurethane ear plugs fitted on moulded headband. Design prevents contact with the work surface. Pack of 40 pairs. SNR 21.



FC1216

METAL FLEX

EN 352-2

Corded ear plugs in special hypoallergenic and washable compound. Suitable for food processing industry. Provided with metal-detectable cord and ear plugs. Pack of 200 pairs.

SNR 28.







FD1111

SOKOI 1

EN 361

ATTACHMENTS: 1 dorsal 'D' attachment for the fall arrest system. ADAPTABILITY: adjustable chest belt and leg loops.

ADVANTAGES: chest strap holding the shoulder straps. **ERGONOMICS:** thicker for extended use time.

MAXIMUM LOAD: 100 kg.



FD1112

SOKOI 2

EN 361

1 dorsal 'D' attachment for the fall arrest system. ATTACHMENTS:

2 sternal textile rings.

ADAPTABILITY: adjustable chest belt and leg loops.

adjustable top and bottom; featuring dorsal and ADVANTAGES:

sternal attachment.

thicker for extended use time. **ERGONOMICS:**

MAXIMUM LOAD: 100 kg





LABELS WITH MARKING

fall arrest system

01 DORSAL

02

ATTACHMENT for the fall arrest system

ATTACHMENTS

'A' OR 'A/2' LABEL indicates the attachment points of the

SHOULDER

with adjustment

enclosed in a durable polyethylene bag to prevent the marking from fading

PADDED WAISTBELT

increases support and comfort

SIDE 'D' RINGS 06

to attach positioning lanyards

FRONT 07 **ATTACHMENTS**

all textile eyelets of the safety harness are covered with a textile reinforcement

CHEST STRAP 08

fitted with single sliding buckle to allow the wearer to secure the strap in the desired position

SLIDERS

09

the ends of the straps are locked by plastic clips

FD1113

SOKOI 3

EN 361

2 chest 'D' attachments and 1 dorsal 'D' ATTACHMENTS:

attachment for the fall arrest system.

adjustable shoulder straps and leg loops. Sliding ADAPTABILITY: frontal plate for chest strap adjustment.

adjustable top and bottom.

ADVANTAGES:

ERGONOMICS: with integrated seat belt for increased worker's

comfort.

MAXIMUM LOAD: 140 kg.

FD1114

SOKOI 4

EN 361 EN 358

ADVANTAGES:

ATTACHMENTS: 2 textile sternal attachments and 1 dorsal 'D'

attachment for the fall arrest system. 2 lateral

D-rings for work positioning.

ADAPTABILITY: adjustable shoulder straps, leg loops and waist

helt

hooks and rings for attaching tools on the back.

Totally adjustable harness.

ERGONOMICS: with integrated seat belt for increased worker's

MAXIMUM LOAD: 136 kg.

FD1115

SOKOI8

EN 358

ATTACHMENTS:

2 lateral rings for work positioning. Hooks and

rings for attaching tools.

ADAPTABILITY: ADVANTAGES:

totally adjustable. padding provides sufficient support for the body's

lumbar part.

MAXIMUM LOAD:





STRATOS 1

EN 361

ATTACHMENTS: 1 dorsal 'D' attachment for the fall

arrest system. 2 textile chest loops.

ADAPTABILITY: fully adjustable shoulder straps, legs loops and chest strap.

 $\textbf{ADVANTAGES:} \qquad \text{fully padded shoulder straps and}$

leg loops for greater user comfort. Leg loops are fitted with automatic quick-attach buckles. Hooks inserted on shoulder straps to place

single lanyards.

ERGONOMICS: padded straps for better fall shock

absorption and greater user comfort.

WEIGHT: 1.68 kg MAXIMUM LOAD: 140 kg



FD1117

STRATOS 2

EN 361 EN 358

ATTACHMENTS: 1 dorsal 'D' attachment.

2 textile chest loops.

2 lateral 'D' rings, waist height, for

work positioning.

ADAPTABILITY: fully adjustable and padded

shoulder straps and legs loops. Padded and adjustable waist belt

with quick-attach buckle.

ADVANTAGES: the shoulder straps and leg loops

are fitted with automatic quickattach buckles. 2 back rings for attaching tools. Hooks inserted on shoulder straps to place single

lanyards.

ERGONOMICS: sitting belt specially designed

for prolonged comfort. Padded harness straps for better fall shock absorption and greater user comfort.

WEIGHT: 2.20 kg MAXIMUM LOAD: 140 kg



KOMBI HARNESSES







FD1120

PRATIK VEST HARNESS ORANGE

EN 361

Two-point fall arrest harness, with permanently integrated high visibility orange vest. Fitted with one dorsal "D" attachment and sternal attachment consisting of two textile buckles for the fall arrest system. Front closure with quick-attach buckle, vest fastened with zipper, double reflective band on waist and two tridimensional side pockets with flaps.

One size fits all.

FD1119 Yellow

FDIIZI

PRATIK VEST HARNESS GREY

EN 361

Two-point fall arrest harness, with permanently integrated multi-pocket vest. Fitted with one dorsal "D" attachment and sternal attachment consisting of two textile buckles for the fall arrest system, front closure with quick-attach buckle, vest fastened with zipper, two tridimensional side pockets with flaps and two with zipper. Ergonomic model with adjustable shoulder straps and leg loops. One size fits all.





STOPPER 15 M

EN 360

Fall arrest device with retractable cable. Length 15 m.

APPLICATIONS: ideal for vertical tasks in dangerous positions.

Allowed user weight up to 140 kg.

IMPACT FORCE: reduces fall arrest force to less than 6 kN.

in galvanized stainless steel, 4.5 mm.

LANYARD: STRUCTURE:

impact resistant, steel-reinforced polymer.



STOPPER 7,5 M

EN 360

Fall arrest device with retractable cable. Length 7.5 m.

ideal for vertical tasks in dangerous positions. APPLICATIONS:

Allowed user weight up to 140 kg.

reduces fall arrest force to less than 6 kN.

IMPACT FORCE:

LANYARD: in galvanized stainless steel, 4.5 mm.

STRUCTURE: impact resistant, steel-reinforced polymer.



FD1214

STOPPER 7 M

Fall arrest device with high strength retractable cable in Kevlar® material. Length 7 m.

Not in photo:

FD1213

STOPPER 30 M

EN 360

Retractable cable fall arrest device. Length 30 m.

FD1215

TWIN STOPPER 2 M

EN 360

Fall arrest device with double retractable cable. Length 2 m.



FD1311

BLOCK WITH ROPE

EN 353-2

Fall arrest device with 15 m rope, thickness 14 mm. Fitted with standard carabiner as anchor point. Double safety fall arrest system.



FD1312

BLOCK WITH ENERGY ABSORBER

EN 353-2

Fall arrester with energy absorber.

Fitted with energy absorber and Standard carabiner as anchor point. Comes with a 15 m, 14 mm thick rope. Double safety fall arrest system.



FD1313

BLOCK WITH ENERGY ABSORBER AND KERNMANTEL ROPE

EN 353-2

Automatic guided-type fall arrest device. Equipped with energy absorber and Ciber carabiner as anchor point, 12 mm Kernmantel 15 metre rope and Anapurna carabiner permanently fitted on the rope.



FD1216

MAXI EAGLE

EN 360

Retractable webbing fall arrester.

Retractable lanyard, 5 cm wide. Maximum length 2.50 m. With protective structure in polymer. Equipped with energy absorber and carabiner.







FD1417

FD1418

FD1419

FD1420

FD1421

FD1426

FORKED TWISTED ROPE LANYARD ENERGY **ABSORBER**

EN 355

11 mm Kernmantel rope. 2 m long. Fitted with 1 Standard and 2 Montblanc carabiners at the end.

> 1 Standard carabiner and 1 Maxitube carabiner

1 Standard carabiner and 1 Gripmax 140 mm grip

length 2 m

length 2 m

ENERGY ABSORBING DOUBLE TWISTED ROPE LANYARDS EN 355



FD1415

FORKED TWISTED ROPE LANYARD ENERGY **ABSORBER**

EN 355

12 mm diameter triple twisted polyamide rope. 2 m long. 1 Standard and 2 Montblanc carabiners at the end.



FD1416

FORKED TWISTED ROPE LANYARD ENERGY **ABSORBER**

EN 355

12 mm diameter triple twisted polyamide rope. 2 m long. 1 Standard and 2 Anapurna carabiners at the end.



FORKED WEBBING LANYARD WITH SHOCK **ABSORBER**

44 mm lanyard, length 1 m.

Fitted with 1 Standard and 2 Montblanc carabiners at the end.

ENERGY ABSORBING WEBBING LANYARD

2 Standard carabiners length 1.8 m 2 Anapurna carabiners length 2 m 1 Standard carabiner and 1 Anapurna carabiner length 2 m 1 Anapurna carabiner and 1 Montblanc carabiner length 2 m 1 Anapurna carabiner and 1 Gripmax 140 mm grip length 2 m

EN 355

FD1411

44 mm lanyard, length 2 m.

2 Standard carabiners at the ends.



FD1427

ELASTICATED WEBBING LANYARD WITH ENERGY ABSORBER

44 mm expandable elasticated webbing lanyard, with energy absorber. Max length: 2 m. Min length: 1.4 m.



FORKED ELASTICATED WEBBING LANYARD WITH ENERGY ABSORBER

44 mm expandable elasticated webbing lanyard, with energy absorber. Max length: 2 m. Min length: 1.4 m. 1 Standard carabiner and 2 Montblanc carabiners.



FD1422	2 side loops length 2 m	
FD1423	1 side loop and 1 Standard carabiner length 2 m	
FD1424	1 side loop and 1 Anapurna carabiner length 2 m	
FD1425	1 side loop and 1 Montblanc carabiner length 1m	



WORK POSITIONING SYSTEMS





FD1515

2 M ADJUSTABLE LANYARD

FN 35

Triple twisted 1 to 2 m adjustable lanyard, in polyamide; diameter 14 mm, with side loops.



ED1524

WORK POSITIONING LANYARD

EN 358

Fitted with polyamide triple twisted rope, diameter 14 mm, 2 m long. With 2 Standard carabiners.



FD1532

FORKED WEBBING LANYARD WITH THREE CARABINERS

EN 354

 $30~\mbox{mm}$ webbing, 1 Standard carabiner and 2 Maxitube carabiners. Length 1 m.



FD1516

2 M ADJUSTABLE WEBBING

EN 358

33 mm, 1 to 2 m adjustable polyester webbing, with 2 Standard carabiners.



GRIP DESCENDER

EN 341 EN 12841

Friction grip descender. The 10 m rope is connected to a fixed point; the harnessed worker attaches their harness to the descender, and then lowers himself to the ground by means of the adjustable-speed friction grip descender. Rope diameter 10.5 mm.



FD1522

10 M ROPE

Polyamide triple twisted rope, diameter 15 mm, with side loops.



FD1543

TIE

EN 795

Anchorage point webbing sling in polyester.



FD1521

20 M ROPE SECTION

In Kernmantel, 12 mm diameter.

NOT IN PHOTO:

FD1523

20 M ROPE

Polyamide triple twisted rope, diameter 15 mm, with side loops.

KERNMANTEL ROPE LANYARDS 2 M EN 354 2 side loops FD1511 1 side loop and 1 Standard FD1512 carabiner 2 Standard carabiners FD1526 1 side loop and 1 Anapurna FD1528 carabiner 2 Anapurna carabiners FD1529 1 side loop and 1 Montblanc FD1530 carabiner 1 Standard carabiner and FD1544 1 Anapurna carabiner 1 Standard carabiner and FD1533 1 Montblanc carabiner 1 Standard carabiner and FD1534 2 Montblanc carabiners 1 Anapurna carabiner and FD1535 1 Montblanc carabiner

WEBBING	G LANYARDS 2 M/30 MM	л en 354
FD1551	2 side loops	(400 E. C.)
FD1552	1 side loop and 1 Standard carabiner	
FD1553	2 Standard carabiners	
FD1554	1 side loop and 1 Anapurna carabiner	
FD1555	2 Anapurna carabiners	
FD1556	1 side loop and 1 Montblanc carabiner	
FD1557	1 Standard carabiner and 1 Anapurna carabiner	
FD1558	1 Standard carabiner and 1 Montblanc carabiner	
FD1559	1 Anapurna carabiner and 1 Montblanc carabiner	









RIGID ALUMINIUM TOOL CASE

TOOL-CARRYING BAG

Fitted with two shoulder straps.

Made of washable Nylon material, semirigid bottom, upper drawstring closure.

Dimensions 55 x 38 x 19 cm, with lock.



FD2011

FD2012

SAFETY NET

EN 1263-1 EN 1263-2

Made in polypropylene. Mesh size 100x100 mm, thread diameter 6 mm. It comes with perimeter rope, diameter 13 mm. Indispensable on construction sites for roofing and truss assembly. Different sizes available upon request.



TRIPOD STRUCTURE

EN 795

Telescopic, tubular aluminium structure with 3 ground standing points. Essential for descent operations into wells or holes otherwise inaccessible. The Tripod system features a 20 m winch for lifting or lowering a person up to a weight of 500 Kg. The wire-ending is fitted with a carabiner which must be connected to harnesses with dorsal and sternal attachment points. The Tripod is ideal for the maintenance and inspections of wells, sewers, lifts, etc.; moreover it allows workers who have fainted or are injured to be rescued. Cable diameter: 4.5 mm. Static force: 16 kN for 3 min. Maximum height: 2.15 m. Minimum height: 1.15 m.





FD1611

STANDARD CARABINER

EN 362

Steel carabiner, 18 mm gate opening opening and screw locking.
Minimum breaking strength: 25 kN.



FD1626

BOZE CARABINER

EN 362

Steel carabiner, 16 mm gate opening and double safety locking.
Minimum breaking strength: 25 kN.



FD1620

GRIPMAX GRIP 75 MM

EN 362

Stainless steel Gripmax grip, suitable for anchorage to pipe scaffolding, gate opening 75 mm.

Minimum breaking strength: 20 kN.



FD1612

CLASSIQUE CARABINER

EN 362 EN 12275

Aluminium carabiner, 22 mm gate opening, screw locking.
Minimum breaking strength: 23 kN.



FD1617

ANAPURNA SNAP HOOK

EN 362

Steel carabiner, 16 mm gate opening; double action lock. Minimum breaking strength: 23 kN.



FD1621

MAXI HOOK CARABINER

N 362

Steel carabiner with 85 mm gate opening. Minimum breaking strength: 23 kN.

GLAM SWIVEL SNAP



FD1613

FD1614

EN 362

MONTBLANC

CARABINER

BERG CARABINER

EN 362 EN 12275

Aluminium carabiner, 21 mm gate opening, triple-action locking.
Minimum breaking strength: 23 kN.

Steel carabiner with 50 mm gate opening. Minimum breaking strength: 23 kN.



FD1618

CIBER CARABINER

EN 362

Steel carabiner, 22 mm gate opening and triple safety lock.
Minimum breaking strength: 40 kN.



HOOK WITH LOAD INDICATOR EN 362

FD1622

Steel carabiner, 12 mm gate opening; the indicator band is green when the carabiner has not suffered a fall. In the event of a fall, the indicator colour changes to red and thereby serving as a warning before subsequent use. Minimum breaking strength: 23 kN.



FD1615

SIMPLEX CARABINER

EN 362 EN 12275

Aluminium carabiner, chrome-plated, 21 mm gate opening, automatic closure and double safety lock. Minimum breaking strength: 23 kN.



FD1619

MAXITUBE CARABINER

EN 362 EN 12275

Aluminium carabiner, 60 mm gate opening. Minimum breaking strength: 22 kN.



FD1623

GRIPMAX GRIP 140 MM

EN 362

Stainless steel Gripmax grip, suitable for anchorage to pipe scaffolding, opening 140 mm.

Minimum breaking strength: 20 kN.





MOBILE **ANCHORING DEVICES**

MOBILE ANCHORING DEVICES ARE ESSENTIAL

WHEN ASSEMBLING AND DISASSEMBLING SCAFFOLDING, WHEN LAYING ROOFS OF BUILDINGS OR IN OTHER TASKS WHERE RAILING IS TEMPORARILY MISSING, THE USE OF LIFELINES IS ESSENTIAL. **USING THE ANCHOR ON TWO FIXED** POINTS AT A MAXIMUM DISTANCE OF 20 M, A LIFELINE MAKES NORMAL **WORKING OPERATIONS POSSIBLE BY** CONNECTING UP TO TWO WORKERS, EQUIPPED WITH SAFETY HARNESSES. WHO FREELY SLIDE ALONG THE WEBBING BY MEANS OF A LANYARD WITH SNAP HOOK.

FD1811

MOBILE ANCHORING DEVICE KIT

Designed for easy installation and removal, the kit is equipped with the proper turnbuckle allowing for easy tensioning and mounting to any suitable anchor point (from 2000 daN). The device is intended to be used by 2 people at once.

Maximum deflection in the event of a fall: 2 metres (with 2 users).

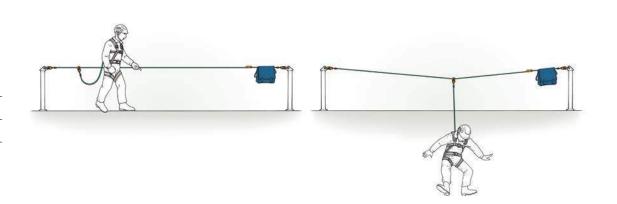
The kit includes:

- · a handy and resistant bag with closing buckle;
- · a 35 mm wide polyester webbing duly rolled up (maximum length 20 m);
- · a ratchet turnbuckle;
- two anchorage webbing slings (1 m) with rings;
 two positioning lanyards art. FD1429;
- · two fall arrest harnesses art. FD1113.

FD1812 EN 795

Webbing and anchorage slings only





KIT FOR WORK AT HEIGHT

FD1711

CLIMBING PROTECTION KIT

SIR Climbing Protection Kit offers complete fall protection for climbing up pylons safely.

Includes:

- · "Stratos 3" harness with 1 "D" dorsal attachment, 2 "D" frontal attachments and 2 "D" lateral attachments EN 361-358-813;
- Forked elasticated webbing lanyard with energy absorber, comes with 2 "Montblanc" carabiner + 1 "Standard" carabiner EN 355;
- Everest HDPE helmet with internal textile 6-point harness and 4-point chinstrap adjustment EN 397 EN 50365;
- · Water-repellent and washable carrying bag.





FD1712

ROOFING KIT

SIR roofing kit offers complete fall protection suited for various applications when working on roofs.

Includes:

- Light "Sokoi 2" harness with 1 "D" dorsal attachment and 2 frontal textile attachments - EN 361;
- "Block" device with energy absorber and "Ciber" triple locking carabiner + Kernmantel high resistance 15 m rope (Ø 12 mm) with "Anapurna" carabiner - EN 353-2;
- · Water-repellent and washable carrying bag.



FD1713

CONSTRUCTION & GENERAL MAINTENANCE KIT

SIR Construction & General Maintenance Kit offers complete fall protection suited for many construction works.

Includes:

- · Light "Sokoi 1" harness with 1 "D" dorsal attachment EN 361;
- Triple twisted rope lanyard adjustable from 1 to 2 m (Ø 14 mm) with side loops - EN 358;
- · 2 "Standard" carabiners EN 362;
- · Water-repellent and washable carrying bag.

ROPE ACCESS AND CONFINED SPACE KIT - PETZL





EN 397 EN 50365

Textile six-point harness for maximum comfort. Adjustable-strength chinstrap suitable for work at height or on the ground. The outer shell protects from electrical hazards, molten metal projections and flames.

FD2144	Yellow
FD2145	White
FD2146	Red
FD2147	Orange
FD2148	Black
FD2149	Blue



AVAO BOD FAST HARNESS

EN 361 EN 358 EN 813

Work positioning and fall arrest harness for work on rope. Sternal and dorsal attachment points for connecting a fall arrest system; ventral and two lateral attachment points for optimal weight distribution.

FD2163	Sizes XXS-S
FD2164	Sizes S-L
FD2165	Sizes L-XXL



FD2111

ASAP MOBILE FALL ARREST DEVICE FOR ROPE

EN 353-2 EN 12841

Moves freely along the rope and stops a fall, a slide or uncontrolled descent. Comes with the OK TL carabiner to be installed on the safety rope.



FD2113 **ASCENSION**

EN 567 EN 12841

Rope clamp designed for rope ascents; toothed cam. For single ropes between 8 and 13 mm in diameter.



FD2116

"I'D S" SELF-BRAKING RESETTING DESCENDER

EN 341 CLASS 2 EN 12841 EN 15151-1

Self-braking descender with anti-panic function and anti-error safety cam with multi-functional handle to control the descent.



FD2114

FOOTCORD

Adjustable webbing foot loop, to be attached to the Ascension rope clamp for rope ascents.



GRILLON HOOK ADJUSTABLE LANYARD 2 M

EN 358 EN 795 EN 12841

Lanyard with fine adjustment system, with HOOK connector, to allow for precise work positioning. Must be used doubled on the harness lateral attachment points for an even weight distribution.



FD2112

ASAP'SORBER 20 CM ENERGY ABSORBER

Designed to connect the ASAP mobile fall arrester to a harness. It allows the user to move the rope away to free up the work area.



FD2120

AXIS 11 MM ROPE

EN 1891

Semi-static rope, 11 mm diameter, available in other colours to easily identify work rope and safety rope. Length: 100 m, yellow-black.



FD2121

AXIS 11 MM ROPE

EN 1891

Semi-static rope, 11 mm diameter, available in other colours to easily identify work rope and safety rope. Length: 100 m, white-black.



FD2118

"OK TL" CARABINER

EN 362 EN 12275 UIAA 121

Carabiner to be used on one side of the GRILLON HOOK and to connect the ASAP'SORBER to the harness and to connect the I'D to the suspension point of the AVAO harness.



FD2134

SPATHA

The SPATHA knife with carabiner hole is designed to accompany the worker at height; the smooth and serrated blade allows ropes and lanyards to be cut easily. It has a carabiner hole for attaching the knife to the harness. It is easy to handle with its textured wheel, even when wearing gloves, and can be locked in the open position. Stainless steel blade for improved durability.





STRATO HELMET EN 397 EN 50365 EN 12492

Lightweight helmet suitable for work at a height or on the ground thanks to the adjustable-strength chinstrap. The closed outer shell protects from electrical hazards, molten metal and flames.

FD2159 White

FD2160 Red

FD2161 Black

FD2162 Yellow

FD2133 VIZIR VISOR

EN 166 1BT

The VIZIR visor ensures protection of the eyes by perfectly adapting to VERTEX and STRATO helmets. Easy to install thanks to the pre-formed inserts, with anti-scratch and anti-fog treatment.

HELMET, FALL ARREST HARNESS, LIFELINE ROPE, ENERGY ABSORBER AND MOBILE FALL ARREST DEVICE ALLOW THE WORKER TO PERFORM SAFELY ON ROOFS. BEFORE LANDING ON THE ROOF, IT IS NECESSARY TO INSTALL ONE'S OWN FALL ARREST SAFETY SYSTEM.



NEWTON EASY FIT HARNESS

EN 361

Fall arrest harness with integrated vest. Sternal and dorsal attachments.

Sizes S-L

FD2150	Sizes XXS-S

FD2152 Sizes L-XXL



FD2129

FD2151

ANNEAU 60 CM

EN 795 EN 566

Sewn webbing sling to ensure temporary anchor points on roofs, metal structures, cranes, etc. Length: 60 cm, weight 60 grams. The webbing is available in three lengths to adapt to each structure type:

FD2130 Length 80 cm weight 80 g

FD2131 Length 120 cm weight 100 g

FD2132 Length 150 cm weight 135 g



COEUR PULSE

EN 795

Removable anchor. It may be installed and removed very easily and quickly, with no tools, in order to be reused. The blocking function reduces the risk of accidental extraction.



FD2112

ASAP'SORBER 20 CM ENERGY ABSORBER

EN 355

Designed to connect the ASAP mobile fall arrester to a harness.

It allows the user to move the rope away to free up the work area



FD2117

GRILLON HOOK ADJUSTABLE LANYARD 2 M

EN 358 EN 795 EN 12841

Lanyard with progressive adjustment system, with HOOK connector, to allow for precise work positioning. Muste be used doubled on the harness lateral attachment points for an even weight distribution.



FD2118

"OK TL" CARABINER

EN 362 EN 12275 UIAA 121

Oval and symmetrical shaped carabiner to be positioned on wide section devices such as pulley blocks, auto-locking and fall arrest devices.



FD2158

MGO OPEN 60 DIRECTIONAL **CONNECTOR**

EN 362

Auto-locking directional connector with large gate opening for connection to metal structures or to large-diameter cables and bars. It has a gated connection point for attachment to different types



FD2153

ASAP LOCK MOBILE FALL ARREST DEVICE FOR ROPE

EN 353-2 EN 12841

Moves freely along the rope and stops a fall, a slide or uncontrolled descent. The connection arm makes the system drop-resistant when passing intermediate anchors.



FD2141

"AM'D" CARABINER

EN 362 EN 12275 UIAA 121

It has a D shape particularly suited for connection to diverse equipment such as descenders or positioning lanyards. Available in two locking systems: automatic TRIACT-LOCK or BALL-LOCK.



ABSORBICA-Y

EN 355 EN 354

Double lanyard with energy absorber, designed for continuous protection when passing intermediate anchor points.

Length: 150 cm without connectors.

FD2154	Length 80 cm without connectors				
FD2155 EN 362	Length 105 cm with MGO connectors				
FD2157 EN 362	Length 175 cm with MGO connectors				



FD2128

60 M AXIS 11 MM ROPE

EN 1891

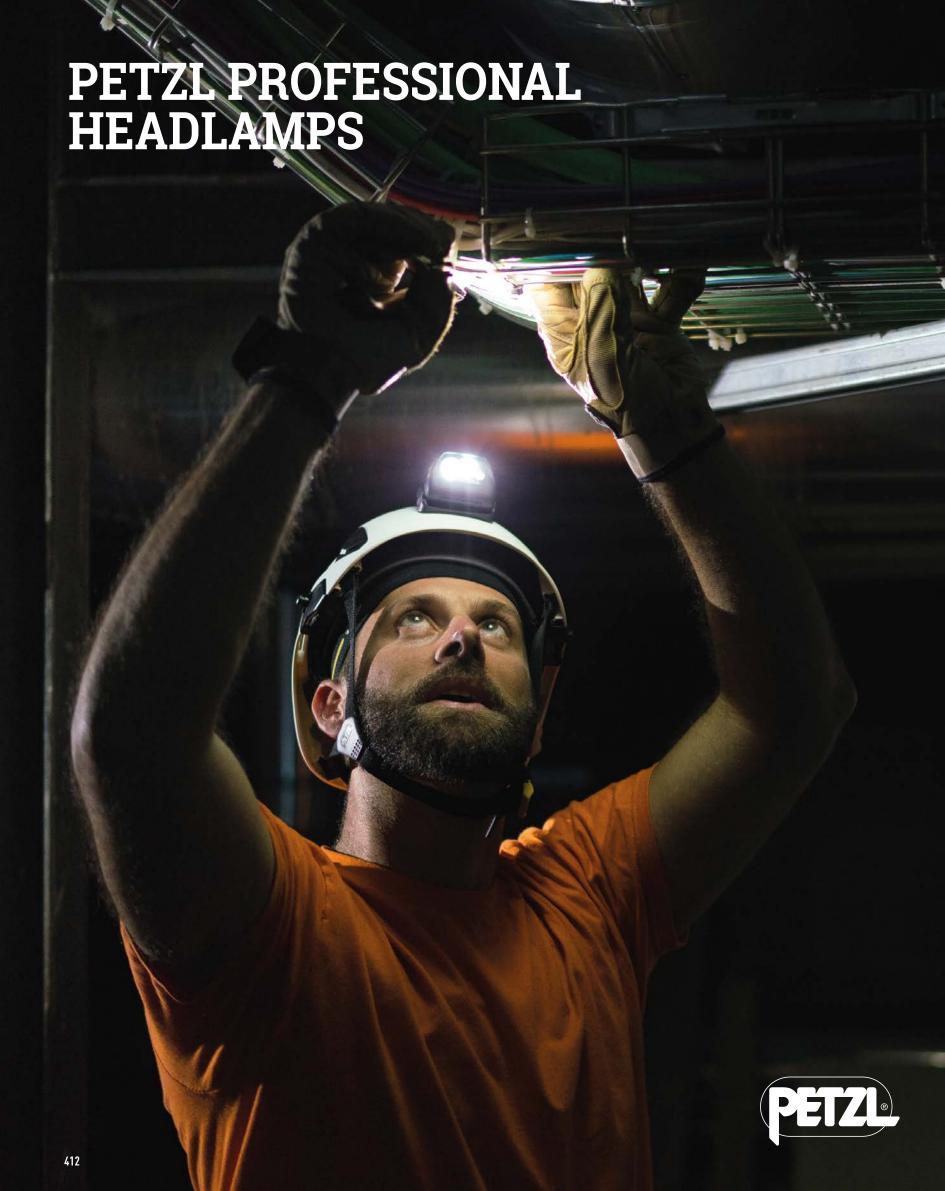
Semi-static rope with sewn termination with protective sheath to keep the connector in the right position and to facilitate manipulation. Also available in lengths from 10 to 50 m.



BUCKET TOOL-CARRYING BAG

Fabric bag with two large, comfortable carrying handles and an adjustable shoulder strap. Coated fabric bottom for extra durability. Volume: 25 litres, weight 575 g.







DUO Z1 LAMP

Front lamp with maximum power 360 lumen. Multi-purpose.

It features four lighting modes, making it adaptable to every situation: close-range work, proximity, movement and long-range vision.

FACE2FACE anti-glare function.

It can be worn on Vertex and Strato helmets, thanks to the included mounting plates.





FD2135

PIXA 3 HEADLAMP

Multi-beam headlamp suitable for close-range work, for moving around and for long-range vision. Headlamp keeps the hands free for work: may be worn on the head with the headband, mounted on a helmet, or placed on the ground. Three lighting modes:

- 1. a mode suitable for close-range work: wide, uniform beam, lights to 15 metres for 26 hours (20 lumen);
- 2. a mode suitable for movement: mixed beam, lights to 45 metres for 6 hours (60 lumen);
- 3. a mode suitable for long-range work: highly focused beam, lights up to 90 metres for 3 hours (100 lumen).

Excellent resistance to falls (two metres), to impacts and to crushing (80 kg). Waterproof down to -1 m for 30 minutes. Resistant to chemicals. Weight (with batteries): 160 g. 3-year guarantee.





FD2136

PIXA 2 HEADLAMP

Headlamp with mixed beam. Two lighting modes:

- 1. a mode suitable for close-range work: lights to 25 metres for 26 hours (20 lumen);
- 2. a mode suitable for movement: mixed beam, lights to 55 metres for 3 and a half hours (80 lumen). Excellent resistance to falls (two metres), to impacts and to crushing (80 kg).

Waterproof down to -1 m for 30 minutes. Resistant to chemicals. Weight (with batteries): 160 g. 3-year guarantee.





FD2137

PIXA 1 HEADLAMP

Headlamp with wide, uniform light beam. Two lighting modes:

- 1. a weak mode suitable for close-range work: lights to 10 metres for 16 hours (20 lumen);
- 2. strong mode suitable for movement, lights up to 15 metres for 3 and a half hours (60 lumen). Constant lighting, brightness does not decrease gradually during its entire lifetime. Excellent resistance to falls (two metres), to impacts and to crushing (80 kg).

Waterproof down to -1 m for 30 minutes. Resistant to chemicals. Weight (with batteries): 160 g. 3-year guarantee.







FH1105

COMBINED SHOWER AND EYEWASH STATION

Operated by a rigid pull handle; aerated flow eyewash operated by push knob or pedal.

MANUFACTURED IN COMPLIANCE WITH STANDARDS DIN EN 15154-1 AND DIN EN 15154-2



FH1101

WALL MOUNTED EYEWASH

Eyewash with aerated flow eyewash operated by manual side-push closure valve. ABS bowl. Wall mounted.



FH1104

PORTABLE EYE AND FACE WASH UNIT

Portable stainless steel unit, capacity 18 litres in 15 litres of drinking water loaded with pressurised air at 6 bar. The drum features an individual jet, aerated eye wash and flexible hose, pressure gauge and relief valve in case of overload.



FH1102

FREE-STANDING EYEWASH

Eyewash with aerated flow complete with manual side-push closure valve or chain pedal; ABS bowl. Free standing.





FH1103

EYE AND FACE WASH

Eyewash with adjustable aerated flow through integrated device according to standard. It features a sturdy structure that combines a painted brass body and plastic material. Soft rubber eyewash cap with dust cap. Wall mounted with 1.5 m flexible stainless steel hose and fixing support.



WALL MOUNTED SHOWER

Shower with showerhead complete with manual closure valve. Operated by rigid pull triangular handle. Wall mounted.

Not in photo:

FH1107

CONCENTRATED SALINE SOLUTION FOR FH1104

Additive concentrated saline solution in 60 ml bottle, to be diluted in 24 litres of drinking water. 4-bottle pack.



FIRST AID EQUIPMENT

MEDIBAG 1

FH1213

MEDIBAG 1

First aid case in impact resistant polypropylene. Fitted with wall attachment plate and handle for easy carrying. Supplied with first aid items required by It. M.D. 388 15/7/03 attachment 2 and It. L.D. 81 9/4/08 art. 45. Suitable for premises up to two employees. Dimensions: 25 x 19 x 9 cm.

Not in photo:

FH1218

SUPPLIES FOR MEDIBAG 1



SIR SAFETY SYSTEM MEDIBAG 2 TO MODIFIC COLLEGE MEDIBAG COLLEGE MEDIBAG

FH1214

MEDIBAG 1 FOR FOOD PROCESSING COMPANIES

The contents can be used as part of the HACCP system.

NOT IN PHOTO:

FH1219

SUPPLIES FOR MEDIBAG 1 FOR FOOD PROCESSING COMPANIES





MEDIBAG 2 FOR FOOD PROCESSING COMPANIES

The contents can be used as part of the HACCP system.

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FH1222

SUPPLIES FOR MEDIBAG 2 FOR FOOD PROCESSING COMPANIES



MEDIBAG 2

First aid case in impact resistant polypropylene. Fitted with wall attachment plate and handle for easy carrying. Supplied with first aid items required by It. M.D. 388 15/7/03 attachment 1 and It. L.D. 81 9/4/08 art. 45. Suitable for premises with three or more employees. Dimensions: 39.5 x 13.5 x 27 cm.

NOT IN PHOTO:

FH1221

SUPPLIES FOR MEDIBAG 2 WITHOUT SPHYGMOMANOMETER

FH1225

SUPPLIES FOR MEDIBAG 2 WITH SPHYGMOMANOMETER





FH1228

MEDICAR

Vehicle plastic case, ideal for first aid and for minor injuries. Dimensions: $26 \times 17 \times 8 \text{ cm}$.



FH1229

SPLINTER REMOVAL KIT

Contains instruments and instructions for removing splinters of various kinds and performing first aid actions.



FH1231

EYEWASH KIT

Emergency eyewash kit, recommended for vehicles and small working environments.







FH1217

FIRST AID CABINET

Lockable carbon steel cabinet. White. Equipped with increased first aid supplies required by It. M.D. 388 15/7/03 attachment 1 and It. L.D. 81 9/4/08 art. 45. Suitable for workplaces with three or more employees. Dimensions: $40 \times 58 \times 20$ cm.

FH1236

READY-TO-USE ICE PACK

Useful accessory to be used in the case of trauma or small bleeding; keeps the injured part cool for about 25/30 minutes depending on the outside temperature.

FH1238

SANBOX

Dispenser in ABS, supplied with 2 refills of fabric patches in various sizes. The wrapping opens releasing the sticky side and the patch is ready for immediate use. SANBOX is supplied with the necessary parts for wall mounting.

Not in photo:

FH1224

SUPPLIES FOR CABINET



FH1237

DETECTABLE PATCH

Patch detectable by metal detector, for use in the food processing industry. Pack of 100 pieces.

Dimensions: 2 x 7 cm.



FH1239

SANBOX REFILL

Pack with 6 refills of 42 patches 19 x 72mm.

FH1240

SANBOX REFILL

Pack with 6 refills of 36 patches 25 x 72 mm.

FH1241

SANBOX REFILL

Pack with 6 refills of 42 detectable patches 19 x 72 mm.

FH1242

SANBOX REFILL

Pack with 6 refills of 36 detectable patches 25 x 72mm.

COMPANY FIRST AID EQUIPMENT ...



STOOL

Revolving stool with padded seat, colour grey, 5-spoke plastic base without wheels.



FH1309 **WASTE BIN L 14**



FH1311 **ARMCHAIR**



COAT HANGER

Free-standing enamelled coat hanger with umbrella holder.



DESK

Painted metal desk with laminate top. With two lockable drawers.



MAGNIFYING LENS

Lamp equipped with 3 dioptres lens and 22 W $\,$ fluorescent lighting power. Full adjustable projector mounted on wheeled pantograph arm.



CASE

One door enamelled white cabinet, with lock, three-rack mounted adjustable glass shelves. Dimensions: 53 x 36 x 144 cm.



MEDICAL INSTRUMENTS **TROLLEY**

Metal trolley with wheels, featuring two shelves with protective railings. Dimensions: 60 x 40 x 77 cm.



EXAMINATION BED

Single-hinged examination bed, in painted metal with raising and adjustable head rest. Dimensions: 176 x 60 x 78 cm. Supplied disassembled.

FH1305

STEP

FH1306

PAPER TOWEL ROLL HOLDER

FH1307

PAPER BED COVER ROLL





FH1313

SCREEN

Three-wing screen, aluminium frame, flame resistant washable curtains. Dimensions: 150 x 170 cm.



FH1210

1-PLACE CHANGING ROOM CABINET

Changing room cabinet with 6/10 thick steel sheet frame, reinforced doors with ventilation slots. Special burglar-proof internal hinges. Shockproof, rounded front perimeter edge. Top shelf, clothes hanger and dirty/clean separator in each compartment and lock with key. Grey. Dimensions: 40 x 50 x 180 cm.



WATERPROOF STRONG PROTECTIVE HAND **CREAM**

Defends and protects the skin, like an invisible glove, from the aggression of irritating substances. Indispensable to protect those who work with water-based paints, nickel, solvents, oil, hydrocarbons, petrol, naphtha and resins.



AUTOMATIC DIGITAL SPHYGMOMANOMETER

Digital automatic device for blood pressure self testing.





FH1211

3-PLACE CHANGING ROOM CABINET

Dimensions: 120 x 50 x 180 cm.



FH1233

MOUTH TO MOUTH RESUSCITATION MASK

Mask with inflated rim for mouth to mouth resuscitation. Features a one-way valve and a special socket for oxygen flow.



FH1212

2-PLACE CHANGING ROOM CABINET

Dimensions: 80 x 50 x 180 cm.



FH1232

ANTISEPTIC WIPES

Fast-acting antibacterial wipes, suitable for food industries and for hospital and health facilities. The disinfectant used is a medical aid registered with the Department of Health. Box with 20 wipes.

Wipe dimensions 140 x 190 mm.

POLYETHYLENE CERVICAL COLLAR

Cervical collar in EVA-coated polyethylene. X-ray translucent, Velcro straps. Available in six sizes:

INFANT

Pink.

FH1244

PEDIATRIC Light blue.

FH1245 **STOUT**

Purple. FH1246

STANDARD Royal blue.

FH1247

MEDIUM Orange.

FH1248

TALL Aqua green.

FH1227

STRETCHER

Foldable stretcher in light alloy, with high strength PVC coated polyester sheet.

Dimensions: 203 x 50 x 15 cm.

FH1230

SCOOP STRETCHER

Specially designed to be placed underneath the victim to ensure complete immobility to avoid further trauma. Entirely made in aluminium sections. Features a regulated length, easy lock system. Supplied with 3 quick release buckle belts. Non-slip surface. Guaranteed load 159 kg.



MARKETING SUPPORT



TO PROMOTE MARKETING ACTIVITIES, **TOOLS ARE PROVIDED TO BETTER** PRESENT AND HIGHLIGHT THE QUALITY OF SIR PRODUCTS. THE INTERESTED RESELLERS CAN REQUEST THE ITEMS SHOWN ON THIS PAGE FOLLOWING TO A MATERIAL PURCHASING PLAN.

FI110005

CLOTHING AND SHOES DISPLAY RACK

Free-standing personalised display rack for clothes, shoes and gloves in aluminium with stable square base. It features a rod for coat hangers with 6 hooks, double rod for gloves and 7 shoe shelves. Dimensions: 202 x 82 x 60 cm.



FI110004

CLOTHING DISPLAY

Free-standing, modular clothing display in painted metal; featuring clothes hanging rod and forex

Dimensions: 120 x 145 x 60 cm.



FI110006

COUNTERTOP MIRROR DISPLAY

Countertop mirror display for individual shoe, made in moulded Plexiglass and featuring a removable and customisable rear graphic panel. Mirror base to highlight the sole of the displayed shoe. Dimensions: 33 x 11.5 x 40 cm.

FI110007

TOWER DISPLAY FOR FOOTWEAR

Two-side free-standing display made in aluminium with wide base in anti-skid cross-hatched sheet. Features 10 shoe shelves with adjustable height to adapt to the displayed models and graphic panel in two-side Forex, removable and customisable. Dimensions: 60 x 180 x 40 cm.





FI110001

GLASSES CASE

Glasses carrying case in polypropylene with inner compartments in die-cut sponge. Dimensions: 447 x 412 x 107 mm. Black.



Clothes hanger rack with silver steel extendible structure with 4 wheels, easy to mount and convenient to move.

Dimensions: 163 x 144/205 x 60 cm.

Indoor use floor mat for trying shoes on. It has a non-slip NBR-nitrile base and twisted Nylon top. Dimensions: 80 x 50 cm.



FI110002

MANNEQUIN

Mannequin for full-length clothes, in glass fibre with sand coloured smooth finish, with oval base for maximum stability.
Dimensions: height 185 cm, shoulders 52 cm.
Weight: 19-20 kg.



FI110010 ROLL-UP

One-sided high-quality advertisement roll-up for interiors with automatic winding of the banner inside the structure. Foldable into the carrying bag included in the kit.

Open dimensions: 205 x 90 x 22 cm. Weight: 4.8 kg.



CHANGING ROOM

Demountable steel structure with sliding curtain and three lacquered panels, complete with grey coir mat and two clothes hangers.







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12	111	FA1630	343	SPECTACL		EAR PROTI	ECTION	FD1420	401	FD1811	406
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