

MARCA[®]



www.marcapl.com

@HANGLO

EN

MARCA



General catalogue EN



Unwavering Commitment.

The pursuit of excellence in workplace safety is a continuous journey toward a safer and more secure work environment. This daily effort towards obtaining the best certifications is not simply a task, but an unwavering commitment to the life and well-being of workers.

A safe work environment reduces accidents, improves productivity and strengthens worker morale, creating an environment where everyone can thrive. The search for these certifications transcends the purely professional. It directly affects the lives of those who work in those environments.

Quality control in all our processes ensures that our products and the relationship with our customers is successful, thus achieving satisfaction throughout the chain, from the birth of new references resulting from innovation, to the user of our articles.

We also seek to ensure that the productivity derived from our activity as a company is respectful of our environment, and to that end we require that the standards are implemented to obtain certifications such as ISO 140001 and Carbon Footprint Calculation.



We are part of the solution. For a sustainable planet

Since 2018, MARCA® has collaborated with the Ecomar Foundation in its environmental education, care and recovery of the coasts of Spain and Portugal. The objective is to raise awareness, mainly among children and young people, through maritime sports, of the need to protect the environment with actions such as collecting waste on the coast and in the water.



Great Place To Work®

We create a pleasant and sustainable work environment. We care about our environmental impact and the well-being of our people. We know that we are not the only ones who follow these principles, and that fills us with joy, because the more companies that adopt these values, the better the world and the people who make it up will be.

MARCA® has joined the 'Carta de la Diversidad'. An initiative of the Diversity Foundation promoted by the European Commission in order to show its commitment to inclusion and diversity in the workplace. It pursues the promotion of equal opportunities and the fight against discrimination in all its forms, including age, gender, sexual orientation, ethnicity, religion and disability.



inspire safety

Work clothing

The choice of fabric	6
Stretch trousers.....	8
Stretch and cotton trousers	10
Cotton trousers	11
Pro Series First Line Kits.....	12
Pro Series Kits	16
Supertop Kits.....	18
Top Line Kits	20
Basic Line Kits	25
Short and long sleeve polo shirt	28
Short and long sleeve shirts.....	30
T-shirts, jersey and sweatshirt	31
Clothing accessories	32

High visibility

Polo shirts and t-shirts	36
Vests.....	38
Items for signalling the user.....	40
High visibility kit	42
High visibility jackets.....	45
High visibility parkas.....	47
Waterproof suits	48

Cold and rain gear

First layer. Thermal interior	52
Fleece jackets	53
Jersey, sweatshirt and vest.....	54
Vests	55
Jackets	57
Softshell Jackets.....	59
Softshell clothing.....	60
Nautical jacket.....	61
Warm parkas	62
Clothing for extreme cold.....	66
Waterproof suits	68

Fireproof and antistatic gear

Kits	72
Welding kits	76

Disposable clothing

Chemical risk protection.....	80
Non-chemical risk protection	81

Safety footwear

Biomechanics / materials	84
Risks / Standard 20345.....	85
Light Evolution	86
Extralight	88
Flexair	90
Split Classic	92
Basic Line.....	94
PU Nitrile.....	97
BlackLeather	98
Special purpose boots.....	99
Waterproof uffs.....	161

Work gloves

Standard.....	104
Selection guide	108
Chemical elements acc.....	110
Cotton.....	112
Cut resistant.....	113
Seamless	114
Latex WITH support.....	117
Latex WITHOUT support.....	118
Dielectric gloves	119
Waterproof PVC	120
Neoprene	121
Nitrile WITHOUT support	122
Nitrile WITH support	123
Leather and canvas gloves	125
Reinforced	126
Coat.....	127
Driver type.....	128
Disposables	29
Welder	130

Protection at height

Harnesses and belts	134
Mooring and positioning.....	139
Energy absorbers.....	141
Safety carabiners	144
Retractable devices.....	145
Lifelines / anchor straps.....	146
Anchor plates and fixings.....	147
Height kits	148

Hearing protection

Standar and selection guide	154
Disposable plugs.....	156
Reusable plugs	157
Detectable plugs / with band.....	158
Earmuffs with headband.....	159
Adaptable earmuffs for helmet	160
ZEN earmuffs.....	161

Head Protection

Protective helmets	164
Electrically insulating.....	168
Helmet for work at height	170
Anti-shock protection caps.....	171

Eye protection

Standards.....	174
Selection guide	176
Universal frame	178
Integral frame	189
PRO line integral frame	190
STEEL line integral frame	192
ROCKET line face shields	193
VOLT line dielectric face shields	194
CRASHER line face shields	195
OPTECH line face shields	196

Respiratory protection

EU reference standards	200
Selection guide	201
Moulded masks.....	202
Half mask and filters	204
Face mask and filters.....	206
Self-rescuer	207

Others

Eyewash bottles	209
Eyewash / sinks and showers	210
Eyewash showers / fire blankets.....	211





The choice of fabric

Cotton is a natural fabric widely used in the production of work clothing, especially in situations where comfort and breathability are essential. Although it is not as resistant to certain elements as other work protection materials, it has its own advantages and is suitable for certain types of jobs and environments.

Comfort and breathability: It is highly appreciated for its comfort and its ability to keep the user cool and dry. It is a breathable fabric that allows air to circulate and helps regulate body temperature, making it ideal for workers who perform physical tasks in hot environments.

Hypoallergenic: Cotton is soft and generally non-irritating to the skin, making it a good choice for workers with sensitive skin or allergies to other materials.

Easy care and maintenance: It is easy to wash and maintain. This makes it easier to clean and maintain work clothes.

Thermal insulation: Provides good thermal insulation, making it suitable for workers who need protection from the cold. It can also be used in clothing items that overlap other protective elements.

Polyester is a material widely used in the manufacture of work protective clothing, especially in situations where resistance to certain elements is crucial.

Abrasion and wear resistance: It is known for its abrasion resistance, making it suitable for jobs where clothing is subject to intensive use and constant wear.

Quick drying and breathability: It is a fabric that tends to dry quickly, which is useful for workers who are exposed to humidity or who need to stay dry. It can also be treated to increase its breathability, allowing sweat evacuation and regulation of body temperature.

Tensile strength: Polyester is known for its high tensile strength, meaning it can withstand tension and stretching without tearing easily. This is especially important in jobs that require vigorous movement or where workers can become trapped in hazardous situations.

Cotton-polyester blends

They combine the advantages of cotton and polyester. Cotton provides comfort and breathability, while polyester provides durability and resistance to wear. This type of fabric is common in general-purpose work clothing.

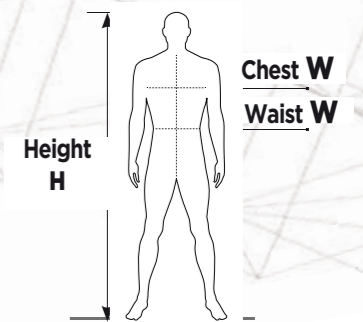


SELECT THE SIZE OF THE GARMENT

Chest circumference: Stand up and place the tape measure around your bust, under your arms, and at the fullest part of your bust. Where the tape measure meets is the measurement of the circumference of your chest.

Waist Circumference: Place the measuring tape around your waist, just above the top of your hip bone, and at the level of your belly button. Where the tape measure meets is the measurement of the circumference of your waist.

Height: Take off your shoes, and with your back touching the wall with your feet together, shoulders and head back, mark the wall perpendicularly with a pencil from the highest point of your head. The distance from the ground to the mark is your height.



Below is a chart to help you select your size based on the measurements you have taken:

SIZE SELECTION FOR UPPER GARMENTS (OVERALLS, JACKETS, COATS, ROBES, WATERPROOF SUITS, VESTS, PARKAS, POLO SHIRTS, T-SHIRTS, JUMPERS AND SWEATERS)																
	XS		S		M		L		XL		2XL		3XL		4XL	
NUMERICAL SIZING	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70
GOWNS SIZING	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64
SHIRTS SIZING	27/28	29/30	31/32	33/34	35/36	37/38	39/40	41/42	43/44	45/46	47/48	49/50	51/52	53/54	55/56	57/58
CHEST (cm) W	76-80	80-84	84-88	88-92	92-96	96-100	100-104	104-108	108-112	112-116	116-120	120-124	124-128	128-132	132-136	136-140
HEIGHT (cm) H	152-158	152-158	152-158	152-158	152-158	158-164	164-170	170-176	176-182	182-188	188-194	194-200	194-200	194-200	194-200	194-200

SIZE SELECTION FOR BOTTOM-HALF GARMENTS (TROUSERS, SHORTS)																
	XS		S		M		L		XL		2XL		3XL		4XL	
NUMERICAL SIZING	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64
WAIST (cm) W	64-68	68-72	72-76	76-80	80-84	84-88	88-92	92-96	96-100	100-104	104-108	108-112	112-116	116-120	120-124	124-128
HEIGHT (cm) H	152-158	152-158	152-158	152-158	158-164	164-170	170-176	176-182	182-188	188-194	194-200	194-200	194-200	194-200	194-200	194-200



Maximum elasticity and comfort

STRETCH

A fabric especially comfortable and high elasticity for professional use.



ProSeries



Ref. **588PSTRAE** *electric blue*

Ref. **588PSTRG** *grey*

Ref. **588PSTRAM** *navy blue*

Ref. **588PSTRNE** *black*

STRETCH PROSERIES TROUSERS. MULTI-POCKETS
220g stretch fabric

Composition and gsm:
98% cotton / 2% elastane
Gsm: 220 g/m²

- Six pockets: two diagonal hip pockets, two cargo-type leg pockets and two rear pockets with flap closure.
- Hip adjustment with internal side elastics without longitudinal fixation to the waistband and with 7 extra wide belt loops.
- Knees reinforced with Oxford Nylon

Units Box: 20 **Min. order: 1 Unit**
SIZES: 34 to 64

ProSeries

NEW



Ref. **588PSSG** *grey*

Ref. **588PSSAM** *navy blue*

CASUAL STRETCH TROUSERS. MULTI-POCKETS
245g stretch fabric

Composition and gsm:
58% polyester / 39% cotton / 3% elastane
Gsm: 245 g/m²

- Reinforcement on knee pads with fabric.
- Multi-pockets.

Units Box: 20 **Min. order: 1 Unit**
SIZES: 34 to 64

Casual



Ref. **588PELASRK** *khaki green*

Ref. **588PELASRAM** *navy b.*

Ref. **588PELASRG** *grey*

Ref. **588PELASRNE** *black*

CASUAL STRETCH TROUSERS. MULTI-POCKETS
260g stretch fabric

Composition and gsm:
98% cotton / 2% elastane
Gsm: 260 g/m²

- Six pockets: two French-style on the hips, two cargo-style on the legs with a pleat on the inside, and two on the back.
- Hip adjustment without additional elastic with 5 extra wide belt loops.

Units Box: 20 **Min. order: 1 Unit**
SIZES: 34 to 64



Stretch trousers

Casual



Ref. **588PBSG** *grey*
SIZES: 36 to 62

Ref. **588PBSAM** *navy blue*
SIZES: 34 to 62

MULTI-POCKETS BASIC CASUAL TROUSERS
240g stretch fabric

Composition and gsm:
98% cotton / 2% elastane
Gsm: 240 g/m²

- Six pockets, two French-style on the hips, two patch cargo-style on the legs and two on the back patch-style.

Units Box: 20 **Min. order: 1 Unit**

NEW



STRETCH

Ref. **588SBSAMR** navy blue

STRETCH SHORTS_Multi-pockets
240 g Stretch fabric

Composition and gsm:

98% cotton / 2% elastane
Gsm: 240 g/m²

- Six pockets, two French-style on the hips, two patch cargo-style on the legs and two patch pockets on the back.

Units Box: 20

Min. order: 1 Unit

SIZES: 34 to 64



Ref. **588PEWAM** navy blue

SPECIALIST CASUAL TROUSERS
WINTER_Multi-pockets
245 g Cotton

Composition and gsm: 100% cotton
Exterior gsm: 245 g/m²
Interior gsm (lining): 130 g/m²

Gsm: 375 g/m²

- 100% sanforised cotton fabric.
- **With interior flannel lining.**
- Six pockets: two French-style on the waist, two patch cargo-style on the legs and two on the back with a horizontal opening.
- Adjustable waist with buckle built into the waistband.

Units Box: 10

Min. order: 1 Unit

SIZES: 38/40 to 62/64



Ref. **588PEAM** navy blue

SPECIALIST CASUAL trousers
Multi-pockets 245 g Cotton

Composition and gsm: 100% cotton
Gsm: 245 g/m²

- 100% sanforised cotton fabric.
- Six pockets: two French-style on the waist, two patch cargo-style on the legs and two on the back with a horizontal opening.
- Adjustable waist with buckle built into the waistband.

Units Box: 20

Min. order: 1 Unit

SIZES: 38/40 to 62/64



Ref. **588PDBE** beige

Ref. **588PDAM** navy blue

CASUAL TROUSERS
REMOVABLE_Multi-pockets
200 g Cotton

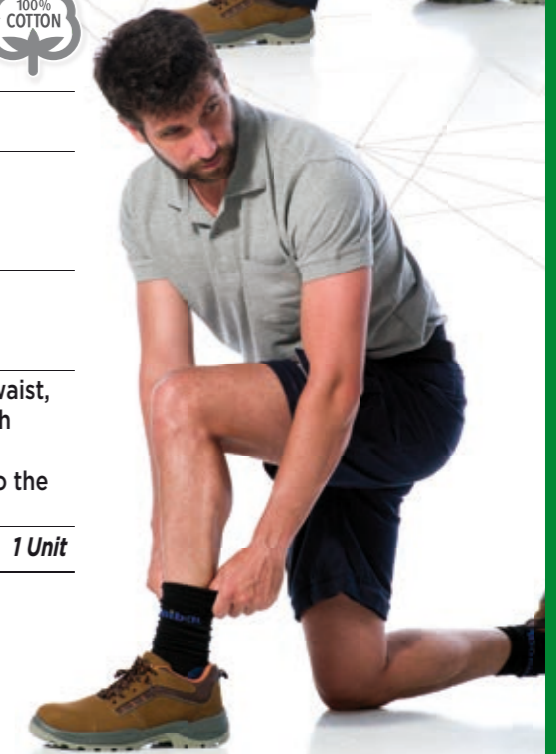
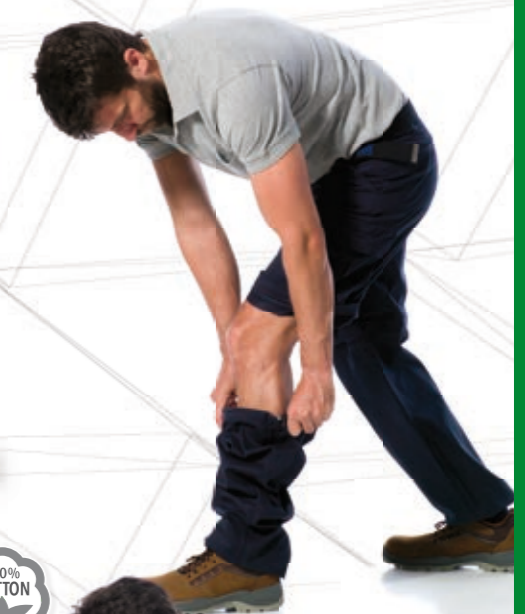
Composition and gsm:
Composition: 100% cotton
Gsm: 200 g/m²

- Six pockets: two French-style at the waist, two patch cargo-style on the legs with gusset and two on the back.
- Adjustable waist with buckle built into the waistband.

Units Box: 20

Min. order: 1 Unit

SIZES: 38/40 to 62/64





Ref. **588CTAMNE**
navy blue / black

FIRST LINE JACKET

Composition and gsm:
65% polyester / 35% cotton.
Gsm: 245 g/m²

- Two patch pockets located at the bottom of both front pieces.
- Two pockets on chest with vertical opening.
- A pocket for smart devices on the chest.
- A marker-holder stowage pocket on the left arm.

Units Box: 20 Min. order: 1 Unit

SIZES: 48/50 to 68/70



Ref. **588PTAMNE**
navy blue / black

FIRST LINE TROUSERS

Composition and gsm:
65% polyester / 35% cotton.
Gsm: 245 g/m²

- Adjustable waist with buckle.
- Six pockets: two diagonal type on the waist, one cargo type on the legs with gusset, one tool holder on the leg and two rear eyelets with horizontal openings.
- Black Cordura® fabric knee reinforcement, enabled to insert a knee pad, *optional- Ref 1388RNNE.

Units Box: 20 Min. order: 1 Unit

SIZES: 38/40 to 62/64



Ref. **588PETANAMNE**
navy blue / black

BLEU DE TRAVAIL FIRST LINE

Composition and gsm:
65% polyester / 35% cotton.
Gsm: 245 g/m²

- Six pockets: two diagonal at the waist, two back patch pockets. One with a vertical opening and spiral plastic strap zip closure and one with gusset with a flap.
- Adjustable waist with buckle.
- Knee pads in Cordura® fabric.
- Knee reinforcement made of Cordura® fabric, enabled to insert a knee pad. *optional - Ref 1388RNNE.

Units Box: 20 Min. order: 1 Unit

SIZES: 34/36 to 62/64

FLEXIBLE KNEE PAD
*Optional

Polyurethane. Pack of 2 pcs. Cuttable until adjusted to fit. 16 m x 21 cm. Thickness 2 cm.

Ref. **1388RNNE**

Units Box: 40 Min. order: 1 Unit

SIZES: u



Ref. **288VPAMAM** navy blue

NAUTICAL TYPE VEST
Nerthus. 705g

Composition and gsm:

- Ext.: 80% polyester / 20% cotton (160 g/m²).
- Chest: polyester wadding (160 g/m²).
- Collar: polyester wadding (360 g/m²).
- Interior: polyester fleece lining (280 g/m²).
- Gsm: 705 g/m².



- Vest with kidney cover tail.
- Fleece interior.
- Retro-reflective details.
- Pockets: 2 exterior waist pockets with flap closure. 1 in chest and interior pocket.

Units Box: 20 Min. order: 1 Unit

SIZES: S to 3XL



Ref. **1288PTMCAMNE**
navy blue / black

Ref. **1288PTMCRN**
red/black

Ref. **1288PTMCAAZ**
blue/navy blue

Ref. **1288PTMCGNE**
grey/black

TECHNICAL POLO SHIRT
short sleeve

Composition and gsm:
100% polyester .
Fabric type: BirdEye Mesh.
Gsm: 135 g/m²

- Pocket with flap and Velcro closure

Units Box: 50 Min. order: 1 Unit

SIZES: M to 2XL





Ref. **588CTGNE** grey / black

FIRST LINE JACKET

Composition and gsm:
65% polyester 35% cotton.
Gsm: 245 g/m²

- Mandarin collar jacket.
- Five pockets: two on hips with vertical opening, two on chest with and one on the chest cargo-style for small devices.
- Hip adjustment with side elastics and cuffs with strap made of the same fabric as the garment and Velcro fastening.

Units Box: 20 **Min. order:** 1 Unit

SIZES: 48/50 to 72/74

Ref. **588PTGNE** grey / black

FIRST LINE TROUSERS

Composition and gsm:
65% polyester 35% cotton.
Gsm: 245 g/m²

- Adjustable waist with buckle.
- Six pockets: two on hips French type, two cargo-style in the legs with gussets.
- Extra wide belt loops at the waist.
- Black Cordura® fabric knee reinforcement, enabled to insert a knee pad, *optional - Ref 1388RNNE.

Units Box: 20 **Min. order:** 1 Unit

SIZES: 38/40 to 62/64

FLEXIBLE KNEE PAD
***Optional**

Polyurethane. Pack of 2 pcs. Cutable until adjusted to fit. 16 m x 21 cm. Thickness 2 cm.

Ref. **1388RNNE**

Units Box: 40 **Min. order:** 1 Unit

SIZES: u



Ref. **588BTGNE** grey / black

FIRST LINE OVERALLS

Composition and gsm:
65% polyester 35% cotton.
Gsm: 245 g/m²

- Overalls with tailored collar.
- Nine pockets: two French-style on the hips, two on the chest with vertical opening with zip closure, one on the chest cargo-style for small devices, one rear patch pocket, with a horizontal opening, two on the legs cargo-style with gussets and one with a horizontal opening.
- Hip adjustment with rear elastic and seat reinforcement.

Units Box: 10 **Min. order:** 1 Unit

SIZES: 48/50 to 68/70

Ref. **1288PTMCGNE** grey/black

Ref. **1288PTMCRN** red/black

Ref. **1288PTMCAAZ** blue / navy blue

Ref. **1288PTMCAMNE** navy blue / black

TECHNICAL POLO SHIRT short sleeve

Composition and gsm:
100% polyester .
Fabric type: BirdEye Mesh.
Gsm: 135 g/m²

- Pocket with flap and Velcro closure

Units Box: 50 **Min. order:** 1 Unit

SIZES: M to 2XL



Ref. **288VGNNGNE** grey/black

PRO SERIES VEST.

Odin. 605g

Composition and gsm:

- Ext. 65% polyester /35% cotton (245 g/m²).
- Padding: polyester (320 g/m²).
- Interior: polyester 190T (40 g/m²).
- Gsm: 605 g/m².



- Very resistant vest.
- Rectilinear design to promote movements of the lower trunk.
- Very good ratio: thermal VS weight.
- Ideal for jobs that require stowage of different types of tools and devices, due to the wide range of pockets.
- Rear dipped hem.
- Hip adjustment with elastic.

Units Box: 10 **Min. order:** 1 Unit

SIZES: S to 3XL



- Ref. **588CCAAZ** navy blue/blue
- Ref. **588CCRN** red/black
- Ref. **588CCAMNE** navy blue / black
- Ref. **588CCGNE** grey/black
- Ref. **588CCNE** black
- Ref. **588CCBG** white/grey

JACKET_WORK KIT
245g canvas fabric

Composition and gsm:
65% polyester / 35% cotton.
Fabric type: Canvas
Gsm: 245 g/m²

- Reflective fabric inserts.
- Upper pockets with flap / hidden snap closure and zip.
- Lower pockets with flap and hidden snap closure.
- Adjustable waist and cuffs with hidden snaps.

Units Box: 20 Min. order: 1 Unit

SIZES: 48/50 to 68/70



- Ref. **1288PTMCAAZ** blue / navy blue
- Ref. **1288PTMCRN** red/black
- Ref. **1288PTMCAMNE** navy blue / black
- Ref. **1288PTMCGNE** grey/black

TECHNICAL POLO SHIRT_WORK KIT
Short sleeve / high breathability

Composition and gsm:
100% polyester .
Fabric type: BirdEye Mesh.
Gsm: 135 g/m²

- Pocket with flap and Velcro closure

Units Box: 50 Min. order: 1 Unit

SIZES: M to 2XL



- Ref. **588PCAAZ** navy blue/blue
- Ref. **588PCRN** red/black
- Ref. **588PCAMNE** navy blue / black
- Ref. **588PCGNE** grey/black
- Ref. **588PCNE** black
- Ref. **588PCBG** white/grey

TROUSERS_WORK KIT
245g canvas fabric

Composition and gsm:
65% polyester / 35% cotton.
Fabric type: Canvas
Gsm: 245 g/m²

- Reflective fabric inserts.
- "Cargo" pocket with flap with hidden snap closure. Exterior storage compartment.
- Knee pads in "CORDURA" anti-abrasion fabric with interior pocket for flexible knee pad REF. optional: 1388RNNE.

Units Box: 20 Min. order: 1 Unit

SIZES: 38/40 to 62/64





ELASTIC BACK WAISTBAND



Ref. **488PSUPTOPAZ** blue

Ref. **488PSUPTOPG** grey

Ref. **488PSUPTOPAM** navy blue

Ref. **488PSUPTOPNE** black

SUPERTOP TROUSERS
Multi-pockets _Cotton 270 g

Composition and gsm:
100% cotton
Gsm: 270 g/m²

- 2 western style hip pockets.
- 2 cargo style with gussets in the legs and 2 in the back.
- Extra high back waistband.
- Extra wide waist belt loops.

Units Box: 20 **Min. order: 1 Unit**

SIZES: 36 to 62



Adjustable cuffs.
Snap closure

Snap closure
hidden

Zip closure
placket

Ergonomic selvedge

Stretch fit

Reinforcement in crotch

Cargo style pockets
with gusset and
hidden snap closure
on flap

Electrode holder
extra large

Double bottom
of 20mm

Ref. **488BSUPTOPAM** navy blue

Ref. **488BSUPTOPAZ** blue

SUPERTOP OVERALLS
Cotton 270 g

Composition and gsm:
100% cotton
Gsm: 270 g/m²

- Overalls with contrasting colours.
- 2 chest pockets with zip and flap closures.
- Mobile phone holder and electrode holder in sleeve.
- Adjustable raglan sleeves with snaps.
- 2 cargo pockets on the legs with gussets.
- Back waistband with elastic band.
- Reinforcement in the seat and triple stitching in the inseam.

Units Box: 10 **Min. order: 1 Unit**

SIZES: 48 to 70

Ref. **488CSUPTOPG** grey

Ref. **488CSUPTOPAM** navy blue

Ref. **488CSUPTOPNE** black

Ref. **488CSUPTOPAZ** blue

SIZES: 48 to 70

SUPERTOP JACKETS
Cotton 270 g

Composition and gsm:
100% cotton
Gsm: 270 g/m²

- Jacket with contrasting colours.
- 2 chest pockets with zips
- Zip and placket.
- 2 side seam pockets.
- Mobile phone holder and electrode holder.
- Raglan sleeves bordered by contrast colour trim.

Units Box: 20 **Min. order: 1 Unit**

SIZES: 48 to 68





Ref. **488CTOPAZ** *blue*

Ref. **488CTOPAM** *navy blue*

TOP LINE JACKETS
cotton 245g

Composition and gsm:
100% cotton
Gsm: 245 g/m²

- 2 patch pockets located on the chest.
- 2 welt pockets on the lower front.
- 1 pen holder pocket with 2 storage compartments located on the arm.
- Hip adjustment by side elastics.

Units Box: 20 **Min. order:** 1 Unit

SIZES: 48 to 68



Ref. **488CTTOPAM** *navy blue*

Ref. **488CTTOPR** *red*

Ref. **488CTTOPG** *grey*

Ref. **488CTTOPV** *green*

Ref. **488CTTOPBE** *beige*

Ref. **488CTTOPBL** *white*

TOP LINE JACKETS
polyester /cotton 245g

Composition and gsm:
65% polyester / 35% cotton
Gsm: 245 g/m²

- 2 patch pockets located on the chest.
- 2 welt pockets on the lower front.
- 1 pen holder pocket with 2 storage compartments located on the arm.
- Hip adjustment by side elastics.

Units Box: 20 **Min. order:** 1 Unit

SIZES: 48 to 68



Ref. **488PTOPAZ** *blue*

Ref. **488PTOPAM** *navy blue*

Ref. **488PTOPG** *grey*

TOP LINE TROUSERS
Multi-pockets
Cotton 245g

Composition and gsm:
100% cotton
Gsm: 245 g/m²

- 2 western style hip pockets.
- 2 cargo-type leg pockets, inside fold.
- 2 back pockets.
- Extra high back waistband.
- Extra wide belt loops at the waist.

Units Box: 20 **Min. order:** 1 Unit

SIZES: 36 to 62



Ref. **488PAWTOPAM** *navy b.*

WOMEN'S TROUSERS
TOP LINE Multi-pockets
Cotton 245g

Composition and gsm:
100% cotton
Gsm: 245 g/m²

- Women's pattern.
- 2 French type pockets.
- 2 cargo-type leg pockets.
- 1 back pocket.

Units Box: 20 **Min. order:** 1 Unit

SIZES: S/M/L



Ref. **488PTTOPAM** *navy blue*

Ref. **488PTTOPR** *red*

Ref. **488PTTOPG** *grey*

Ref. **488PTTOPV** *green*

Ref. **488PTTOPBE** *beige*

Ref. **488PTTOPBL** *white*

Ref. **488PTTOPNE** *black*

TOP LINE TROUSERS
Multi-pockets
polyester /cotton 245g

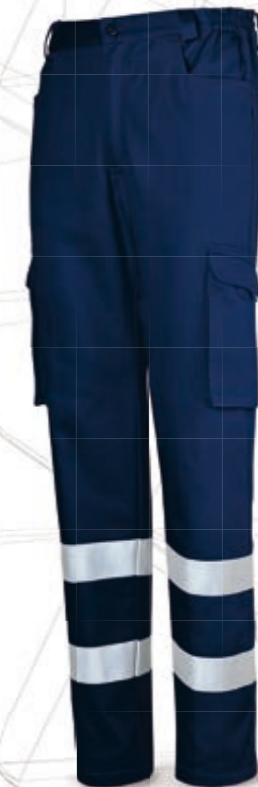
Composition and gsm:
65% polyester / 35% cotton
Gsm: 245 g/m²

- 2 western style hip pockets.
- 2 cargo-type leg pockets, inside fold.
- 2 back pockets.
- Extra high back waistband.
- Extra wide belt loops at the waist.

Units Box: 20 **Min. order:** 1 Unit

SIZES: 36 to 62





Ref. **488BTOPAZ** blue

Ref. **488BTOPG** grey

Ref. **488BTOPV** green

Ref. **488BTOPAM** navy blue

TOP LINE OVERALLS_cotton 245g

Composition and gsm:
Composition: 100% cotton
Gsm: 245 g/m²

- Multi-pockets. Pen holder on arm
- Hip adjustment by side elastics.

Units Box: 20

Min. order: 1 Unit

SIZES: 48 to 70

Ref. **488BTTOPG** grey

Ref. **488BTTOPAZ** blue

Ref. **488BTTOPBE** beige

Ref. **488BTTOPR** red

SIZES: 48 to 70

TOP LINE OVERALLS_polyester /cotton 245g

Composition and gsm:
Composition: 65% polyester / 35% cotton
Gsm: 245 g/m²

- Multi-pockets. Pen holder on arm
- Hip adjustment by side elastics.

Units Box: 20

Min. order: 1 Unit

SIZES: 48 to 68

Ref. **488CCRTOPAM** navy blue

Ref. **488CCRTOPAZ** blue

LINE JACKET JACKETS REFLECTIVE BANDS cotton 245g

Composition and gsm:
Composition: 100% cotton
Gsm: 245 g/m²

- Retroreflective bands on torso and sleeves.
- Multi-pockets. Pen holder on arm.
- Hip adjustment by side elastics.

Units Box: 20

Min. order: 1 Unit

SIZES: 48 to 68



Ref. **488PCRTOPAM** navy blue

Ref. **488PCRTOPAZ** blue

LINE JACKET TROUSERS REFLECTIVE BANDS cotton 245g

Composition and gsm:
Composition: 100% cotton
Gsm: 245 g/m²

- Retroreflective bands on legs.
- Multi-pockets. Cargo type pockets with gussets on the legs
- Hip adjustment by side elastics.

Units Box: 20

Min. order: 1 Unit

SIZES: 38 to 62





Ref. **488STOPAZ** *blue*

Ref. **488STOPBE** *beige*

Ref. **488STOPBL** *white*

Ref. **488STOPAM** *navy blue*

Ref. **488STOPG** *grey*

TOP LINE SHORTS_cotton 245g

Composition and gsm:

Composition: 100% cotton

Gsm: 245 g/m²

- 2 French style hip pockets.
- 2 cargo-type leg pockets with gussets.
- Hip adjustment with gussets, elastic back and 5 belt loops.

Units Box: 20

Min. order: 1 Unit

SIZES: 38/40 to 58/60



Cargo gusseted pocket.
Placket closure.

NEW



Ref. **388SAM** *navy blue*

**BASIC LINE SHORTS
polyester /cotton 200g**

Composition and gsm:

80% polyester / 20% cotton
Gsm: 200 g/m²

- Cargo-type leg pockets, 2 at the waist and 2 at the back with flap.
- Extra wide belt loops at the waist.

Units Box: 20

Min. order: 1 Unit

SIZES: 36 to 62

Ref. **388PG** *grey*

Ref. **388PAM** *navy blue*

SIZES: 34 to 62

Ref. **388PAZ** *blue*

SIZES: 36 to 62

Ref. **388PV** *green*

Ref. **388PBL** *white*

Ref. **388PBE** *beige*

**BASIC LINE TROUSERS
polyester /cotton 200g**

Composition and gsm:

80% polyester / 20% cotton
Gsm: 200 g/m²

- Cargo-type leg pockets, 2 at the waist and 2 at the back with flap.
- Extra wide belt loops at the waist.

Units Box: 20

Min. order: 1 Unit

SIZES: 38 to 62

Ref. **388CG** *grey*

Ref. **388CAM** *navy blue*

SIZES: 48 to 68

Ref. **388CAZ** *blue*

**BASIC LINE JACKET
polyester /cotton 200g**

Composition and gsm:

80% polyester / 20% cotton
Gsm: 200 g/m²

- Hip adjustment by side elastics.
- 2 pockets on the chest.

Units Box: 20

Min. order: 1 Unit

SIZES: 48 to 66





Ref. **388CEAZ** blue

BASIC LINE JACKET
cotton 200g

Composition and gsm:
Composition: 100% cotton
Gsm: 200g/m²

- Hip adjustment by side elastics.
- 2 pockets on the chest.

Units Box: 20 Min. order: 1 Unit

SIZES: 48 to 66



Ref. **388PEAZ** blue

Ref. **388PEAM** navy blue

BASIC LINE TROUSERS
cotton 200g

Composition and gsm:
Composition: 100% cotton
Gsm: 200g/m²

- Cargo-type leg pockets.
- Extra wide belt loops at the

Units Box: 20 Min. order: 1 Unit

SIZES: 38 to 62

NEW



Ref. **388CCRAM** navy blue

SIZES: 48 to 68

Ref. **388PCRAM** navy blue

SIZES: 38 to 62

JACKET / TROUSERS WITH REFLECTIVE BANDS
polyester /cotton 200g

Composition and gsm:
80% polyester / 20% cotton
Gsm: 200 g/m²

- Hip adjustment by side elastics.
- 2 pockets on the chest.
- Cargo-type leg pockets.
- Extra wide belt loops at the waist.

Units Box: 20 Min. order: 1 Unit

EN 17353 CE EN ISO 13688

NEW



Ref. **388BAUBL** white

Ref. **388BAUAZ** blue

BASIC LINE UNISEX ROBE
polyester /cotton 200g

Composition and gsm:
80% polyester / 20% cotton
Gsm: 200 g/m²

- Lapel collar.
- One chest pocket and two hip pockets.

Units Box: 20 Min. order: 1 Unit

SIZES: 38/40 to 62/64



Ref. **388BAZ** blue

Ref. **388BAM** navy blue

BASIC LINE OVERALLS_cotton 200g

Composition and gsm:
Composition: 100% cotton
Gsm: 200g/m²

- Hip adjustment with elastic.
- 2 chest pockets and 2 on the legs.

Units Box: 20 Min. order: 1 Unit

SIZES: 48 to 70

Elastic back waistband



Ref. **388BTAM** navy blue

Ref. **388BTAZ** blue

Ref. **388BTBL** white

BASIC LINE OVERALLS_polyester /cotton 200g

Composition and gsm:
Composition: 80% polyester / 20% cotton
Gsm: 200 g/m²

- Hip adjustment with elastic.
- 2 chest pockets and 2 on the legs.

Units Box: 20 Min. order: 1 Unit

SIZES: 48 to 70





Ref. **1288PAMCAZ** blue

Ref. **1288PAMCG** grey

Ref. **1288PAMCV** green

Ref. **1288PAMCNE** black

Ref. **1288PAMCAM** navy blue

SIZES: S to 3XL

SHORT SLEEVE POLO SHIRT_cotton 175g

Composition and gsm:
Composition: 100% cotton
Fabric: Piqué knit.
Gsm: 175 g/m²

- Basic lapel collar polo shirt.
- 1 pocket on the chest.

Units Box: 50

Min. order: 1 Unit

SIZES: M to 2XL



Ref. **1288PTMCAAZ** blue / navy blue

Ref. **1288PTMCAMNE** navy blue / black

Ref. **1288PTMCRN** red/black

Ref. **1288PTMCGNE** grey/black

TECHNICAL POLO SHIRT_WORK KIT
Short sleeve / high breathability

Composition and gsm:
Composition: 100% polyester
Fabric: BirdEye Mesh
Gsm: 135 g/m²

Made with "BirdEye" fabric, which provides lightness and softness, and promotes breathability. A pocket located to the left of the user.

Units Box: 50

Min. order: 1 Unit

SIZES: M to 2XL



Ref. **1288PAMLG** grey

SIZES: M to 2XL

Ref. **1288PAMLAM** navy blue

SIZES: S to 3XL

LONG SLEEVE POLO SHIRT_cotton 200g

Composition and gsm:
Composition: 100% cotton
Tissue: Piqué knit.
Gsm: 200 g/m²

- Basic lapel collar polo shirt.
- 1 pocket on the chest.

Units Box: 50

Min. order: 1 Unit





Ref. **388CMCG** grey
SIZES: 37/38 to 51/52

Ref. **388CMCAZ** blue
SIZES: 37/38 to 51/52

Ref. **388CMCAC** light blue
SIZES: 37/38 to 49/50

Ref. **388CMCV** green
SIZES: 41/42/45/46/47/48/49/50

SHORT SLEEVE SHIRTS
polyester /cotton 95g

Composition and gsm:
65% polyester / 35% cotton
Gsm: 95 g/m²

- Basic type, tailored collar.
- 2 pockets on the chest.

Units Box: 40 Min. order: 1 Unit



Ref. **388CXMLAZ** blue

Ref. **388CZMLAM** navy blue

LONG SLEEVE SHIRTS
cotton 125g

Composition and gsm:
Composition: 100% cotton
Gsm: 125 g/m²

- Basic type, tailored collar.
- 2 pockets on the chest

Units Box: 40 Min. order: 1 Unit

SIZES: 37/38 to 51/52



Ref. **388CMLV** green
SIZES: 39/40 to 51/52

Ref. **388CMLAC** light blue
SIZES: 37/38 to 49/50

Ref. **388CMLG** grey
SIZES: 37/38 to 51/52

Ref. **388CMLAZ** blue
SIZES: 37/38 to 51/52

Ref. **388CMLBE** beige
SIZES: 37/38 to 47/48

LONG SLEEVE SHIRTS
polyester /cotton 95g

Composition and gsm:
65% polyester / 35% cotton
Gsm: 95 g/m²

- Basic type, tailored collar.
- 2 pockets on the chest

Units Box: 40 Min. order: 1 Unit



Ref. **1288TSG** grey
SIZES: M to 2XL

Ref. **1288TSBL** white
SIZES: M to 2XL

Ref. **1288TSAM** navy blue
SIZES: S to 3XL

SHORT SLEEVE T-SHIRTS
cotton 145g

Composition and gsm:
Composition: 100% cotton
Fabric: Fine knit.
Gsm: 145 g/m²

- Basic type, round neck.

Units Box: 50 Min. order: 1 Unit



Ref. **1288JSAM** navy blue
SWEATSHIRT
polyester /cotton 340g

Composition and gsm:
70% cotton 30% polyester
Gsm: 340 g/m²

- Plain knitwear, brushed interior.

Units Box: 25 Min. order: 1 Unit

SIZES: S to 3XL

Ref. **1288JCAM** navy blue
JERSEY KNIT police type
acrylic 450g

Composition: 100% acrylic
Weight per US: 450 g/m²

- Reinforced with extra resistant fabric on shoulders and elbows.
- Zip closure on neck and 1 chest pocket.

Units Box: 25 Min. order: 1 Unit

SIZES: M to 2XL





Ref. **1388FLNNE**

LUMBAR BAND WITH STRAPS
Adjustable and Velcro closure.

- Straps: Polyester.
- Strap buckle: Polymer (plastic).
- Band: Elastic (polyester) Nylon (polyamide).
- Interior batons: Polymer (plastic).
- Easy placement thanks to its elasticity and the Velcro adjustment system.
- Designed to provide support to the lower back and abdomen through four batons that exert adequate pressure and resistance reducing the possibility of back injury.
- Thermal effect through heat generation.

SIZES	WAIST MEASUREMENT
S	80 to 95 cm
M	95 to 105 cm
L	105 to 120 cm
XL	120 to 135 cm
2XL	135 to 150 cm



Ref. **1388BELTNE**

BELT

- Black belt in premium quality cotton with a high-resistance aluminium buckle.
- Adaptable to any waist with ease.

Units Box: 50 Min. order: 1 Unit

SIZE: U



Ref. **1388BPHAM**

TOOL HOLDER BELT BAGE

- High resistance fabric
- Reinforced seams. Padded in the area that adjusts to the waist of the worker. *Tools not included.

Units Box: 50 Min. order: 1 Unit

SIZE: U



Ref. **1388RRPSIN**

PRO RIGID KNEE PAD

Structure: Polyamide and Spandex. Protector: PVC (exterior) and EVA (filling).

- Easy installation thanks to its elasticity and the Velcro adjustment system.
- Designed to prevent damage produced on hard surfaces or with small stones, which could cause cartilage damage or chronic ailments (bursitis, etc).

Units Box: 20 Min. order: 1 pair

EN 14404 Knee pads for work in a kneeling position. Type 1 (Knee pads independent of another garment, attached to the leg).

SIZE: U



Ref. **1388RRNE**

RIGID OUTER KNEE PAD

- Made of pvc and padded Oxford nylon fabric with great resistance and comfort.
- Rear adjustment using elastic belt.

Units Box: 20 Min. order: 1 pair

SIZE: U



Ref. **1388RNNE**

FLEXIBLE POLYURETHANE KNEE PAD

Pack of 2 units.

Measurements (maximum dimensions measurements taking into account that it is "cutable" until adjusted):
Width - 16cm
Height - 21 cm
Thickness - 2 cm

SIZE: U



Ref. **1388BRAM**

navy blue

SNOOD TYPE SCARF

- Navy blue fleece lining (100% polyester fleece).
- Adjustment with loop and elastic cord.

Units Box: 50 Min. order: 1 Unit

SIZE: U



Ref. **1388GTAM**

navy blue

WARM HAT

- Acrylic knit cold weather hat with Thinsulate® lining.

Units Box: 100 Min. order: 1 Unit

SIZE: U



Ref. **1388CTCNE**
Summer ankle sock.

70% Coolmax polyester / 27% polyamide / 3% elastane

Trekking work socks for extreme and prolonged activities. The outer structure of the sock is reinforced with polyamide that provides resistance and a percentage of Lycra that provides elasticity. In addition, the points of greatest friction of the garment incorporate extra polyamide reinforcement.

SIZES: 39/42 to 43/46



Ref. **1388CVCNE**
Summer socks.

70% Coolmax polyester / 27% polyamide / 3% elastane

Trekking work socks for extreme and prolonged activities. The outer structure of the sock is reinforced with polyamide that provides resistance and a percentage of Lycra that provides elasticity. In addition, the points of greatest friction of the garment incorporate extra polyamide reinforcement.

Units Box: 145 Min. order: 1 pair
SIZES: 39/42 to 43/46



Ref. **1388CITNE**
Winter socks.

70% Thermolite polyester / 27% polyamide / 3% elastane

Trekking work socks for extreme and prolonged activities. The outer structure of the sock is reinforced with polyamide that provides resistance and a percentage of Lycra that provides elasticity. In addition, the points of greatest friction of the garment incorporate extra polyamide reinforcement.

Units Box: 145 Min. order: 1 pair
SIZES: 39/42 to 43/46

High visibility

Total visibility, day and night.

This clothing is intended to visually signal the presence of the user so that he or she can be detected in risky conditions, under daylight and under the light of a car's headlights in the dark.

EN ISO 20471

The benefits come from colour and retroreflection. Also due to the minimum areas and the arrangement of the materials used in its preparation:

- Combined material:

Material that has both fluorescence and retro-reflection properties.

- Background material:

Coloured fluorescent material intended to be highly visible. The standard colours for the background material are:

- Fluorescent yellow
- Fluorescent red-orange
- Fluorescent red

- Retroreflective material:

Material that is retroreflective and is exempt from meeting the background material requirements.

3 Classes of protective clothing are defined according to the minimum areas of the materials that the garment incorporates:

Class 1 high visibility clothing

It is the minimum level of protection required. It should be used by passive road users in the presence of vehicles travelling at speeds below 30 km/h (rural roads, warehouses...).

Class 2 high visibility clothing

It is the average level of protection. It should be used by passive road users in the presence of vehicles travelling at speeds below 60 km/h. (urban area, logistics, delivery...).

Class 3 high visibility clothing

It is the maximum level of protection. It must be used by passive road traffic users in the presence of vehicles above 60 km/h (national highway/ motorways/ highway, , airports...).



X= Garment class
(1, 2 or 3).





Ref. **1288PAVMCRYF** *yellow*

Ref. **1288PAVXCRYFA**

Ref. **1288PAVMLRYF** *yellow*

Ref. **1288PAVXLRIFYA**

Ref. **1288TSAVMCYFA**

Ref. **1288PAVMCRNF** *orange*

Ref. **1288PAVXCRNFA**

Ref. **1288PAVMLRNF** *orange*

Ref. **1288PAVXLRNFA**

Ref. **1288TSAVMCNFA**

SHORT SLEEVE POLO SHIRT
High visibility. 150g

SHORT SLEEVE TWO-COLOUR POLO SHIRT. 150g

LONG SLEEVE POLO SHIRT 150g

LONG SLEEVE TWO-COLOUR POLO SHIRT
High visibility. 150g

SHORT SLEEVE TWO-COLOUR T-SHIRT
High visibility. 150g

Composition and gsm:
100% breathable bird-eye polyester.
150 g/m²

Composition and gsm:
100% breathable bird-eye polyester.
Gsm: 150 g/m²

Composition and gsm:
100% breathable bird-eye polyester.
Gsm: 150 g/m²

Composition and gsm:
100% breathable bird-eye polyester.
Gsm: 150 g/m²

Composition and gsm:
100% breathable bird-eye polyester.
Gsm: 150 g/m²

- High-quality special polyester fabric breathability and sweat absorption.
- Arm fitting with ribbed elastic in contrasting colour.
- 1 pocket on the chest.

- Special polyester fabric with high breathability and sweat absorption.
- Arm fitting with ribbed elastic in contrasting colour.
- 1 pocket on the chest.

- Cuff adjustment with ribbed elastic grey colour / with 2 colour stripes of the garment.
- 1 pocket on the chest.

- Cuff fitting with contrasting colour ribbed elastic.
- 1 pocket on the chest.

- Special polyester fabric with high breathability and sweat absorption.
- Chest pocket.

Units Box: 50 Min. order: 1 unit.

Units Box: 50 Min. order: 1 unit.

Units Box: 50 Min. order: 1 unit.

Units Box: 50 Min. order: 1 unit.

Units Box: 50 Min. order: 1 unit.

SIZES : S to 3XL

SIZES : S to 3XL

SIZES : S to 3XL

SIZES : S to 3XL

SIZES : S to 3XL



EN 13688



EN 13688



EN 13688



EN 13688



NEW

NEW

NEW



Ref. **288VFCYF** yellow
SIZES : S to 3XL

Ref. **288VFCNF** orange
SIZES : M to 3XL

HIGH VISIBILITY VEST
120 g knit

Composition and gsm:
100% polyester 120 g/m².
Total weight size L: 146g

- Front zip closure.
- Transparent label holder

Units Box: 100 Min. order: 1 unit.



EN ISO 20471

EN 13688



Ref. **288VFCMYF** yellow
SIZES : S to 3XL

Ref. **288VFCMNF** orange
SIZES : S to XXL

HIGH VISIBILITY VEST
120 g mesh

Composition and gsm:
Knit fabric (bottom half): 100% Polyester 120 g/m².
Mesh knit fabric (upper half): 100% Polyester 50 g/m².

Total weight size L: 126 g

- Front zip closure.
- Transparent label holder

Units Box: 100 Min. order: 1 unit.



EN ISO 20471

EN 13688



Ref. **HV714YF** yellow

Ref. **HV714NF** orange
HIGH VISIBILITY VEST
120 g knit

Composition and gsm:
Knit fabric: 100% Polyester: 120 g/m².
Total weight size L: 140 g

- 2 retroreflecting bands.
- Front Velcro closure.

Units Box: 50 Min. order: 1 unit.

SIZES : S to 2XL



EN ISO 20471

EN 13688

NEW



Ref. **988VFYIAYF**

FIREPROOF AND ANTI-STATIC VEST
High visibility. 130 g

Composition :
98% Polyester and 2% antistatic thread. Seams with meta-aramid thread.

- For dangerous situations of low visibility/where an antistatic garment is also required (ATEX environments).
- Flame retardant retroreflective bands. Pictograms and standards certified/engraved by heat transfer in navy blue/ in a highly visible place in order to facilitate compliance with occupational risk prevention in the metallurgical/petrochemical and naval industries.

Units Box: 50 Min. order: 1 unit.

SIZES : M to 2XL



EN 20471



EN ISO 14116



EN 1149-5

EN 13688



Ref. **288VMFYF** yellow

Ref. **288VMFNF** orange
HIGH VISIBILITY PADDED VEST
Multi-pockets 450 g

Composition and gsm:
Exterior: polyester / PU 200 g/m². Max. x25.
Wadding: 100% polyester 200 g/m² gsm. Interior: 100% polyester 50 g/m².
Total gsm: 450 g/m²

- Padded vest.
- Multi-pockets

Units Box: 10 Min. order: 1 unit.

SIZES : M to 2XL



EN ISO 20471

EN 13688





METAL
Free

Ref. **2088GPPAVYF** yellow
Ref. **2088GPPAVNF** orange
**PROTECTION CAP
ANTI-SHOCK BUMPER PRO.**

- Anti-shock baseball cap with ventilation.
- Inner shell in ABS (very impact-resistant plastic with high energy absorption capacity even at low temperatures) with inner EVA pad.
- One size adjustable with Velcro (from 58 to 63 cm).
- Use in activities in which a protective helmet is not required for the industry (falling objects) / but there is a risk of hitting the head against hard and immobile objects (shelves / protrusions / transport / fixed tool...).

Units Box: 60 Min. order: 1 unit.
SIZES : U

EN 812



PrimeSource®

Ref. **HVTYF**
HIGH VISIBILITY STRAPS
Composition and gsm:
100% polyester. 120 g/m².

- Knit fabric.
- Front Velcro closure

Units Box: 100 Min. order: 1 unit.

SIZES : XL



EN ISO 20471

EN 13688



Ref. **1388PLFYF**
FLUO BANDED GAITERS

- Gaiters to visually signal the user in situations of danger of low visibility Polyester fabric.

Units Box: 40 Min. order: 1 unit.

SIZES : U



EN 1150

EN 13688

TopLine



Ref. **488CCRTOPAZ** blue
Ref. **488CCRTOPAM** navy blue
TOP SERIES JACKET.
reflective strips 245 g

Composition and gsm:
100% cotton. Max. x50.
Gsm: 245 g/m²

- Retroreflective bands on torso and sleeves.
- Multi-pockets/ 2 on the chest with zip closure/ 2 on the waist and pen holder on the arm.
- Hip adjustment by side elastics

Units Box: 20 Min. order: 1 unit.

SIZES : 48 to 68

EN 13688



EN 17353



Ref. **488PCRTOPAZ** blue
Ref. **488PCRTOPAM** navy blue
TOP SERIES TROUSERS.
reflective strips 245 g

Composition and gsm:
100% cotton. Max. x50.
Gsm: 245 g/m²

- Retroreflective bands on legs.
- Multi-pockets/ 2 on the hips/ 2 on cargo-type on the legs with gussets and 2 on the back.
- Hip adjustment by side elastics.

Units Box: 20 Min. order: 1 unit.

SIZES : 38 to 62

EN 13688



EN 17353



BasicLine

NEW



Ref. **388CCRAM** navy blue
SIZES : 48 to 68

Ref. **388PCRAM** navy blue
SIZES : 38 to 62

**JACKET / TROUSERS WITH
REFLECTIVE BANDS**
polyester/cotton 200g

Composition and gsm:
80% polyester / 20% cotton
Gsm: 200 g/m²

- Hip adjustment by side elastics.
- 2 pockets on the chest.
- Cargo-type leg pockets.
- Extra wide belt loops at the waist.

Units Box: 20 Min. order: 1 unit.

EN 13688



EN 17353



NEW



Ref. **388CFXYFA** yellow/blue

Ref. **388CFXYFV** yellow/green

Ref. **388CFXNFA** orange/blue

TWO-TONE HIGH VISIBILITY JACKET

polyester/cotton 200 g

Composition and gsm:

80% polyester 20% cotton Max. X25
Gsm: 200 g/m².

- Elastic hip adjustment.
- Chest pockets with zip closure.

Units Box: 20 Min. order: 1 unit.

SIZES : 48 to 68



EN ISO 20471

EN 13688



Ref. **388PFXYFA** yellow/blue

Ref. **388PFXYFV** yellow/green

Ref. **388PFXNFA** orange/blue

TWO-TONE HIGH VISIBILITY TROUSERS

polyester/cotton 200 g

Composition and gsm:

80% polyester 20% cotton Max. X25
Gsm: 200 g/m².

- Two-tone high visibility trousers.
- Elastic hip adjustment.
- Multi-pockets

Units Box: 20 Min. order: 1 unit.

SIZES : 38 to 62



EN ISO 20471

EN 13688



Ref. **388CFXAYFA**
QUILTED/TWO-TONE HIGH VISIBILITY JACKET.

SIZES : 48 to 68



EN ISO 20471

Ref. **388PFXAYFA**
PADDED/TWO-TONE HIGH VISIBILITY TROUSERS

SIZES : 38 to 62



EN ISO 20471

Composition :

- Exterior gsm: Fabric 200 g/m². 80% polyester 20% cotton. Max. X25
- Wadding: 180 g/m². polyester wadding
- Interior gsm (lining): Fabric 50 g/m². 100% polyester.
- Total gsm: 430 g/m².
- Protective clothing for cold environments.

Units Box: 20

Min. order: 1 unit.



EN 14058

EN 13688



Ref. **988CFYIAYFA**
HIGH VISIBILITY JACKET. FIREPROOF AND ANTISTATIC

SIZES : 48/50 to 68/70



EN ISO 20471 EN 61482-2 (APC1) EN ISO 11612 (A1-A2,B1,C1,F1) EN 1149-5 (A1-A2, CLASSE 1) EN ISO 11611 (A1-A2, CLASSE 1)

Ref. **988PFYIAYFA**
HIGH VISIBILITY TROUSERS. FIREPROOF AND ANTISTATIC

SIZES : 38/40 to 62/64



EN ISO 20471 EN 61482-2 (APC1) EN ISO 11612 (A1-A2,B1,C1,F1) EN 1149-5 (A1-A2, CLASSE 1) EN ISO 11611 (A1-A2, CLASSE 1)

Composition :

- 90% cotton (treated), 8% polyester et 2% polyamide. Seams with meta-aramid thread.
- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Cotton fabric treated with resistance to the flame retardant properties of the fabric for 25 washes.
- Pictograms and certified standards, engraved by heat transfer in retro-reflective silver.

Units Box: 20

Min. order: 1 unit.

EN 13688



Ref. **388CFEYF**

BASIC HIGH VISIBILITY JACKET

polyester/cotton 200 g

Composition and gsm:

20% cotton y 80% polyester
Background material weight: 200 g/m²

- Elastic hip adjustment.
- Adjustment at cuffs by elastic ribbed knit fabric.
- 2 chest pockets/zip closure

Units Box: 20 Min. order: 1 unit.

SIZES : 48 to 68



EN ISO 20471

EN 13688



Ref. **388PFEYF**

BASIC HIGH VISIBILITY TROUSERS

polyester/cotton 200 g

Composition and gsm:

20% cotton y 80% polyester
Background material weight: 200 g/m²

- Elastic waist adjustment and 5 belt loops.
- 5 pockets: two French style hip pockets, two patch pockets on the legs with a placket and one patch pocket on the back with a placket.

Units Box: 20 Min. order: 1 unit.

SIZES : 38 to 62



EN ISO 20471

EN 13688



Ref. **388BFYEYF**

BASIC HIGH VISIBILITY OVERALLS

polyester/cotton 200 g

Composition and gsm:

20% cotton y 80% polyester
Background material weight: 200 g/m²

- Hip adjustment with elastic.
- Spiral zip.
- 4 pockets: 2 horizontal opening patch pockets on the hips/ 1 horizontal opening patch pocket on the back and 1 on the chest.

Units Box: 20 Min. order: 1 unit.

SIZES : 48 to 68



EN ISO 20471

EN 13688



Ref. **288CSFYAYFA**

TWO-TONE HIGH VISIBILITY SOFTSHELL JACKET

Detachable sleeves 310 g

Composition and gsm:

Gsm: Polyester - Elastane Middle

Gsm: 100% Thermoplastic Polyurethane (TPU).

Interior gsm: 100% Brushed Polyester

Gsm: 310 g/m².

Total weight size L: 750 g

- Detachable sleeves with zip to convert into a vest.
- "Waterproof" zip closure.
- 2 exterior pockets/ 1 exterior chest pocket with zip and 2 interior pockets.

Units Box: 20 Min. order: 1 unit.

SIZES : S to 3XL



EN ISO 20471

EN 13688



Ref. **288FPFMIXYFA**

yellow /navy blue

SIZES : XS to 3XL

Ref. **288FPFMIXNFA**

orange /navy blue

SIZES : S to 3XL

TWO-TONE HIGH VISIBILITY FLEECE JACKET

Composition and gsm:

100% Polyester /brushed exterior and brushed interior.

Gsm: 300 g/m²

Total weight size L: 600 g

- Elastic cuff adjustment.
- 2 exterior pockets.

Units Box: 10

Min. order: 1 unit.



EN ISO 20471



EN 14058

EN 13688



Vest function:
Removable sleeves
with zips.



EN ISO 20471





Ref. **288PFMIXYFA**
yellow / navy blue

Ref. **288PFMIXNFA**
orange / navy blue

TWO-TONE HIGH VISIBILITY PARKA 320 g

Composition and gsm:
Exterior: 150D Oxford polyester / PU-170g/m². Max. x5.
Wadding: polyester-wadding: 110 g/m².
gsm. Interior: polyester - 50 g/m².
Total gsm: 320 g/m².

- Parka with heat-sealed seams.
- Adjustable hood.
- 2 lower pockets on both fronts with flap and 1 inside pocket.

SIZES : S to 3XL

Units Box: 10

Min. order: 1 unit.



EN 13688



Ref. **288PFEYF** yellow

Ref. **288PFNENF** orange

HIGH VISIBILITY PARKA

Basic 320 g

Composition and gsm:
Exterior: polyester Oxford 150D / PU-170g/m². Max. x5.
Wadding: polyester-wadding: 110 g/m².
gsm. Interior: polyester - 50 g/m².
Total gsm: 320 g/m².

- Parka with heat-sealed seams.
- Adjustable hood.
- 2 pockets with flap and 1 inside pocket.

SIZES : S to 3XL

Units Box: 10

Min. order: 1 unit.

EN 13688



TRIPLE USE YELLOW PARKA

Ref. **288PKFYF** yellow



TRIPLE USE MIX TWO-TONE PARKA

Ref. **288PKFMIXNFA** orange / navy blue

Ref. **288PKFMIXYFV** green / navy blue

Ref. **288PKFMIXYFA** yellow / navy blue



Composition and gsm:
Exterior gsm raincoat: 100% polyester Oxford 300D / PU - 180 g/m². Max. x25.

Exterior gsm vest: 100% polyester Oxford 300D / PU - 180 g/m². Máx. x25.

Wadding: 100% polyester wadding - 150 g/m².

Interior gsm: 65% polyester / 35% cotton - 50 g/m².

Total gsm: 560 g/m².

- **Raincoat:**
Heat-sealed seams.
Adjustable hood.
Attached to husky using zips.
2 pockets.
- **Husky:**
2 exterior pockets and 1 interior pocket.
Convertible into a vest by removing sleeves.

Vest: EN ISO 20471 2

Units Box: 10

Min. order: 1 unit.

SIZES : S to 3XL

EN 13688



Ref. **288TAFYF** yellow
SIZES : S to 3XL

Ref. **288TAFNF** orange
SIZES : S to 2XL

**HIGH VISIBILITY JACKET/
RAINCOAT**
140 g polyester

Composition and gsm:
Fabric: 100% polyester (PU coating).

- Heat-sealed seams.
- Adjustable hood with straps. Front zip closure.
- 2 exterior pockets.

Units Box: 20 Min. order: 1 unit.



EN 13688



Ref. **288PAFYF** yellow
SIZES : S to 3XL

Ref. **288PAFNF** orange
SIZES : S to 2XL

**HIGH VISIBILITY TROUSERS
/RAINCOAT**
140 g polyester

Composition and gsm:
Fabric: 100% polyester (PU coating).

- Heat-sealed seams.
- Self-adjustable waistband at the hips with elastic.
- Bottomless pockets on both sides for access to under garment.
- Snap-adjustable hems.

Units Box: 20 Min. order: 1 unit.



EN 13688



NEW



Ref. **288TAFEYF**

**HIGH VISIBILITY WATER-
PROOF SUIT**

polyester / PU 135 g

Composition and gsm:
100% polyester / PU
Background material weight: 200 g/m²

- Pockets and hood.


Units Box: 20 Min. order: 1 unit.

SIZES : S to 3XL




EN 13688

Depending on the temperature:

 Protective clothing for cold environments, that is, from 10°C to -5°C. *As it is a minimal risk, it is considered a Category 1 standard.


EN 14058

 Protective clothing for cold, this is from -5°C to -50°C. *As it is an intermediate risk, it is considered a Category 2 standard. The Icler (upper digit) of the garment will indicate the maximum temperature based on two parameters: The user's activity (being stopped is not the same as moving) and the exposure time.

EN 342

*Example: User activity. The greater the user's physical activity, the lower the need for shelter. Allows greater exposure to lower temperatures (Security Guard Versus Construction Worker)
Exposure time. The longer the exposure time, the greater the need for shelter. Being in a cold room for 1 minute is not the same as 1 hour.*

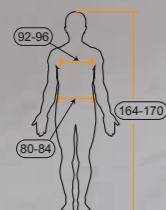
For rain, the standard is EN343:

 X Resistance to water penetration As it is a minimal risk, it is considered a Category 1 standard.

Y Resistance to water vapour The higher the X value, the more water resistance. The higher the Y value, the more breathable the garment will be.

EN 343

WATERPROOF SUITS - VESTS - JACKETS - PARKAS - JERSEYS - SWEATERS						
SIZE	S	M	L	XL	2XL	3XL
Chest (cm)	84-92	92-100	100-108	108-116	116-124	124-128
Height (cm)	164-170	170-176	176-182	182-188	188-194	194-200
TROUSERS						
SIZE	38-(S)	40-(M)	42-(M)	44-(L)	46-(L)	48-(XL)
Waist (cm)	72-76	76-80	80-84	84-88	88-92	92-96
Height (cm)	152-158	158-164	164-170	170-176	176-182	182-188
SIZE	50-(XL)	52-(2XL)	54-(2XL)	56-(3XL)	58-(3XL)	
Waist (cm)	96-100	100-104	104-108	108-112	112-116	
Height (cm)	188-194	194-200	194-200	194-200	194-200	



User measurements for which the size is recommended
Trousers: Height and waist
Upper garments: Upper body and Chest

*Total weighing of each garment has been carried out based on size "L"

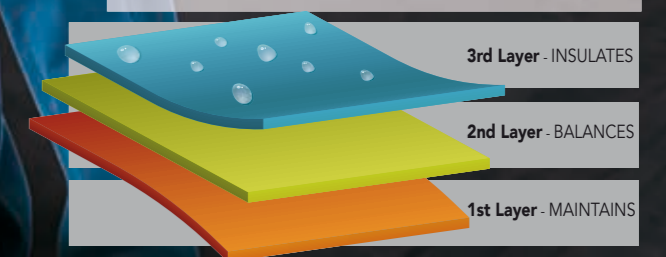


The layers

First layer: In direct contact with the skin, it is responsible for keeping the surface of the body dry by absorbing the moisture generated by the body perspiration process. Therefore, it prevents the body from cooling down with the humidity generated.

Second layer: Prevents the release of heat generated by the human body.

Third layer: It is responsible for isolating the body against adverse weather that may influence the two previous layers: Rain, Wind and Snow. These factors can break the internal balance of the other two layers: Rain (introducing water at a lower temperature), Wind (cooling the humidity generated by the body), Snow (cooling the general body temperature).





FIRST LAYER_Thermal clothing.

100% polyester. Absorbs moisture from the perspiration process and provides heat to the body.

COOL-DRY® fabric is breathable and promotes sweat evaporation in less time.



Ref **288FLSG** *grey melange*

THERMAL UNDERSHIRT
180g Oxford.

Composition and gsm
100% polyester. **COOL-DRY®**
Gsm 180 g/m²



- Breathable. Double-sided fabric for triple function: heat delivery, containment and elimination if there is excess.
- Double fabric on collar and cuffs.
- Rear dipped hem.

Units Box: 20 Min. order: 1 unit

SIZES : M to 2XL

Ref **288FLMG** *grey melange*

THERMAL INTERIOR MESH
180g Oxford.

Composition and gsm
100% polyester. **COOL-DRY®**
Gsm 180 g/m²



- Breathable. Double-sided fabric for triple function: delivery of the containment and elimination if it is in excess.
- Double fabric on collar and cuffs.
- Rear dipped hem.

Units Box: 20 Min. order: 1 unit

SIZES : M to 2XL

Ref **288FLKG** *grey melange*

SET OF T-SHIRT AND THERMAL INTERIOR MESH.
sales unit

Composition and gsm
100% polyester. **COOL-DRY®**
Gsm 180 g/m²

Units Box: 20 Min. order: 1 unit

SIZES : M to 2XL

SECOND LAYER_Jackets

Prevents the release of heat generated by the human body.



Ref **288CHPAM** *navy blue*

Ref **288CHPG** *grey*

Ref **288CHPR** *red*

Ref **288CHPBL** *white*

FLEECE JACKET
Quetzal. 200g

Composition and gsm
Exterior gsm: 100% polyester.
Gsm 200 g/m²



- Polyester and brushed fabric with a regular tufted finish. Straight torso design, without waist adjustment to facilitate lower torso and hip mobility.
- Straight cut sleeve with fit through elastic cuff.
- Two side pockets.

Units Box: 10 Min. order: 1 unit

SIZES : S to 3XL



Ref **288CHPPGNE**

grey / black

Ref **288CHPPAMNE**

navy blue / black

FLEECE JACKET
Viracocha. 325g

Composition and gsm
Exterior gsm: 100% polyester.
Gsm 325 g/m²



- High-weight and warm fabric made of polyester fabric and brushed with black contrasting pieces. Straight torso design to facilitate lower torso and hip mobility.
- Two side pockets.

Units Box: 10 Min. order: 1 unit

SIZES : S to 3XL





Ref **1288JCAM** navy blue
POLICE TYPE JERSEY
Composition and gsm
100% acrylic.
Gsm 450 g/m²



- Ribbed knit jersey, reinforced with extra resistant fabric on shoulders and elbows.
- Waist and cuff adjustment with knitted fabric.
- One pocket located on the chest.

Units Box: 25 Min. order: 1 unit
SIZES : M to 2XL



Ref **1288JSAM** navy blue
BASIC SWEATSHIRT
Composition and gsm
70% cotton / 30% polyester
Gsm 340 g/m²



- Brushed interior, providing warmth and softness to the user.
- Wide design on the chest and sleeves to promote mobility or add inner layers.
- Adjusted waist and cuffs and collar, with elastic ribbed knit.

Units Box: 25 Min. order: 1 unit
SIZES : S to 3XL



Ref **288VMRMO** dark navy
Ref **288VMRV** green
Ref **288VMRBL** white
Ref **288VMRG** grey
MULTI-POCKETS VEST Heimdall.
Composition and gsm



- Exterior: 100% polyester (200 g/m²).
- Wadding: 100% polyester (200 g/m²).
- Interior: 100% polyester 190T (50 g/m²).
- Gsm 450 g/m²



- Multi-pocket vest with pocket gussets in contrasting colour.
- Elastic adjustment at waist and sleeves.
- Pockets: 2 on the chest and "pen guard" stowage, 2 pockets at the bottom of the front and 1 inside pocket.

Units Box: 20 Min. order: 1 unit
SIZES : S to 3XL



Ref **288VERAM** navy blue
Ref **288VERBL** white
CLASSIC VEST Balder. 350g
Composition and gsm

- Exterior: 100% polyester (100 g/m²).
- Wadding: 100% polyester (200 g/m²)
- Chest: 400 g/m² collar.
- Interior: 100% polyester 190T (50 g/m²).
- Gsm 350 g/m²



- Classic type vest with stitching in rhombus shape throughout the garment.
- Waist adjustment with elastic throughout the perimeter.
- 2 exterior pockets and one interior.

Units Box: 20 Min. order: 1 unit
SIZES : M to 3XL



Ref **288VGNNGNE** grey/black
PRO SERIES VEST Odin. 605g
Composition and gsm

- Ext. 65% PE / 35% AL (245 g/m²).
- Wadding: 100% polyester (320 g/m²).
- Interior: 100% polyester 190T (40 g/m²).
- Gsm 605 g/m².



- Very resistant vest.
- Rectilinear design to promote movements of the lower trunk.
- Very good ratio: thermal VS weight.
- Ideal for jobs that require storing different types of tools and devices, due to its wide range of pockets.
- Rear dipped hem.
- Hip adjustment with elastic.

Units Box: 10 Min. order: 1 unit
SIZES : S to 3XL



Ref **288VPAMAM** navy blue
TYPE NAUTIQUE VEST Nerthus. 600g
Composition and gsm

- Ext.: 80% polyester/20% cotton (160 g/m²).
- Chest: polyester wadding (160 g/m²).
- Collar: polyester wadding (360 g/m²).
- Interior: polyester fleece lining (280 g/m²).
- Gsm 600 g/m².



- Vest with rear dipped hem.
- Fleece interior.
- Retro-reflective details.
- Pockets: 2 exterior waist pockets with flap closure. 1 in chest and interior pocket.

Units Box: 20 Min. order: 1 unit
SIZES : S to 3XL





Ref **288VS3NE** black

TRIPLE LAYER SOFTSHELL Lytir. 320g

Composition and gsm

- 1st layer exterior: 95% cotton / 5% elastane
- 2nd layer. (membrane): 100% Polyurethane (TPU)
- 3rd layer interior: 100% polar microfibre polyester.
- Gsm 320 g/m².



- Breathable, elastic and water resistant to enjoy total comfort all day.
- Zip pocket on chest.
- 2 side pockets with zip.

Units Box: 20 Min. order: 1 unit

SIZES : S to 3XL

IN SOFTSHELL FABRIC	
Impermeability	8.000 mm
Breathability	300 mvp

Ref **288VTPAM** navy blue

TYPE DOWN VEST Loki. 300g

Composition and gsm

- Exterior: 100% polyester (80 g/m²)
- Wadding: 100% polyester (160 g/m²)
- Interior: 100% polyester (60 g/m²)
- Gsm 300 g/m².



- Ergonomic and casual design.
- Perfect ratio: thermal VS weight.
- Chest design designed to have greater mobility and torsion.
- Elastic waist.
- 2 exterior zip pockets and 2 interior pockets.

Units Box: 20 Min. order: 1 unit

SIZES : M to 3XL



CE EN 13688



Ref **288CTPAM** navy blue

Ref **288CTPAZ** blue

Ref **288CTPR** red

Ref **288CTPNE** black

TYPE DOWN JACKET Freya. 340g

Composition and gsm

- Exterior: 100% polyester (80 g/m²)
- Wadding: 100% polyester (200 g/m²)
- Interior: 100% polyester (60 g/m²)
- Gsm 340 g/m².



- Ergonomic and casual design.
- Perfect ratio: thermal VS weight.
- Chest design designed to have greater mobility and torsion.
- 2 exterior pockets and 2 interior.

Units Box: 20 Min. order: 1 unit

SIZES : M to 3XL



CE EN 13688





THIRD LAYER

The protective barrier that insulates against adverse weather that may influence the two previous layers: Rain, Wind and Snow.

These garments must be waterproof or water-repellent, insulating and windproof, but without neglecting breathability, which is essential to allow sweat to evaporate and keep the inner garments dry. Some of these garments include: Softshell Jackets, Polar Jackets, Parkas, Trousers and Waterproof Suits. Which include technical protective membranes or layers, along with elements or accessories such as waterproof zips, heat-sealed seams, etc., which reinforce them.

To measure the water resistance capacity and breathability of garments we use two types of indices:

1. **Impermeability.** Measurement in millimetres (mm) of the height of a column of water.
2. **Breathability.** Measured in MVP (Moisture Vapour Permeability).



Ref **288CS3G** grey

Ref **288CS3AZ** blue

Ref **288CS3NE** black

Ref **288CS3AM** navy blue

TRIPLE LAYER SOFTSHELL JACKET Cuarzo. 320g

Composition and gsm

- 1st layer exterior: 100% polyester.
- 2nd layer. (membrane): 100% Polyurethane (TPU)
- 3rd layer interior: 100% polyester microfibre fleece.
- Gsm 320 g/m².



- Breathable, elastic and water resistant to enjoy total comfort all day.
- Zip pocket on chest.
- 2 side pockets with zip.

Units Box: 20

Min. order: 1 unit

SIZES : S to 3XL

IN SOFTSHELL FABRIC	
Impermeability	8.000 mm
Breathability	300.mvp



Ref **288CSVA** blue denim

SOFTSHELL JACKET TRIPLE LAYER. cowboy type. Zircón. 320g

Composition and gsm

- 1st exterior layer: 95% polyester/5% Elastane
- 2nd layer (membrane): 100% Polyurethane (TPU)
- 3rd interior layer: 100% polar microfibre polyester.
- Gsm 320 g/m².



- Elastic and water-repellent fabric.
- Zip pocket on chest.
- 2 side pockets with zip.

Units Box: 20

Min. order: 1 unit

SIZES : S to 3XL

IN SOFTSHELL FABRIC	
Impermeability	5.000 mm
Breathability	300.mvp





Triple layer Softshell fabric

Knee pads with extra-resistant fabric

Inverted trapezoid loop



Ref **288CSPROGNE** grey / black

TRIPLE LAYER SOFTSHELL JACKET
Grafito. 320g

Composition and gsm

- 1st layer exterior: 95% polyester / 5% elastane
- 2nd layer. (membrane): 100% Polyurethane (TPU)
- 3rd layer interior: 100% polyester microfibre fleece.
- Gsm 320 g/m².



- Elastic and water resistant fabric.
- Waterproof zips.
- Retroreflective details.
- Zip pocket on chest.
- 2 side pockets with zip.

Units Box: 20

Min. order: 1 unit

SIZES : S to 3XL

IN SOFTSHELL FABRIC	
Impermeability	8.000 mm
Breathability	300 mvp

Ref **288PAS3NE** black

TRIPLE LAYER SOFTSHELL TROUSERS
Njord. 320g

Composition and gsm

- 1st layer exterior: 95% polyester / 5% elastane
- 2nd layer. (membrane): 100% Polyurethane (TPU)
- 3rd layer interior: 100% polyester microfibre fleece.
- Gsm 320 g/m².



- Warm trousers with a straight fit design to facilitate hip and leg mobility.
- Knee pads with fabric superimposed on the Softshell, made with extra-resistant fibres and woven with plain weave for greater abrasion resistance.
- Elastic and water resistant fabric.
- Waterproof zips.
- Special pocket for mobile phone and tools.

Units Box: 20

Min. order: 1 unit

SIZES : S to 3XL

IN SOFTSHELL FABRIC	
Impermeability	8.000 mm
Breathability	300 mvp



Ref **288CSHNE** black

SOFTSHELL HYBRID JACKET
Opalo. 320g

Composition and gsm

- Exterior layer: 100% windproof ripstop nylon (down) 96% polyester / 4% elastane (Softshell)
- Wadding: 240 g/m²
- Intermediate layer (membrane): 100% Polyurethane (TPU)
- Interior layer: 100% polyester.
- Gsm 320 g/m².



- It combines a down front and back with a first layer made of anti-tear Ripstop fabric and sides made of triple-layer Softshell fabric.
- Inner layer on brushed fabric collar.
- Waist adjustment with elastic.

Units Box: 10

Min. order: 1 unit

SIZES : M to 2XL

EN 13688



IN SOFTSHELL FABRIC	
Impermeability	8.000 mm
Breathability	3.000 mvp



Ref **288CPAM** navy blue

Ref **288CPNE** black

Ref **288CPR** red

Ref **288CPAZ** blue

NAUTICAL JACKET
Fleece interior. Nautic. 340g

Composition and gsm

- Exterior: 100% polyester (80g/m²)
- Wadding: 100% polyester (200g/m²)
- Interior: 100% polyester (60g/m²)
- Gsm 340 g/m².



- Light, comfortable and warm jacket.
- Extra-high collar and fleece inner layer.
- Inner layer of brushed fabric collar with collapsible hood.

Units Box: 10

Min. order: 1 unit

SIZES : S to 2XL

EN 13688





INTERIOR LINING
PVC insulation
anti moisture

Ref **288PANAAM** navy blue
ANTI-MOISTURE TROUSERS
Urano. 420g

Composition and gsm

- Exterior: polyester_150T/PVC (200 g/m²)
- Wadding: 100% polyester (160 g/m²)
- Interior: 100% polyester (60 g/m²)
- Gsm 420 g/m².



- High thermal insulation trousers. Compatible with **288PCRAM** parka.
- Wide design to offer the possibility of wearing a first and second layer.
- Exterior fabric in 150T polyester with interior PVC sheet to insulate against humidity.
- Elastic waistband adjustment.
- 2 exterior pockets.
- 2 zips on the outside of the lower leg, for compatibility with all types of boots.

Units Box: 10 Min. order: 1 unit

SIZES : M to L



Ref **288PCRAM** navy blue
PARKA Siroco. 440g

Composition and gsm

- Exterior: polyester_190T/PVC (200 g/m²)
- Wadding: 100% polyester (180 g/m²)
- Interior: 100% polyester (60 g/m²)
- Gsm 420 g/m².



- Parka with heat-sealed seams, ideal for work in wet environments.
- Retroreflective elements.
- Retractable hood.

Units Box: 10 Min. order: 1 unit

SIZES : S to 3XL



HEAT-SEALED SEAMS



Elastic fit at the waistband.



Ref **288PKRAM** navy blue
TRIPLE USE PARKA
Galerna. 440g

Composition and gsm

- Exterior: polyester_190T/PVC (200 g/m²)
- Wadding: 100% polyester (180 g/m²)
- Interior: 100% polyester (60 g/m²)
- Gsm 420 g/m².



- Parka with heat-sealed seams.
- Ventilation eyelets.
- Detachable sleeves on inner Husky to transform it into a vest.
- Retractable hood.

Units Box: 10 Min. order: 1 unit

SIZES : S to 3XL



HEAT-SEALED SEAMS



TRIPLE USE
Raincoat / Husky / Vest

1



Parka :
Wide torso, back and shoulders design, good movement possibilities. Work in humid environments.

2



Husky interior with removable sleeves:
Composed of outer layer forming rhombuses Fleece interior made with brushed polyester that provides softness and warmth.

3



Vest:
Detachable sleeves offer the possibility of being used as a vest.



Ref **288PNRAM** navy blue

NAUTICAL TYPE PARKA
Mistral. 620g

Composition and gsm

- Exterior: polyester OXFORD 300D Y PU (200 g/m²)
- Wadding: 100% polyester (160 g/m²)
- Lining: 100% polyester fleece (260 g/m²) in body and polyester in sleeves
- Gsm 620 g/m².



- Extra high collar with inner sheet of lining for added warmth.
- Retractable hood with adjustable with by Velcro, visor and interior lining.
- Reflective details.

Units Box: 10

Min. order: 1 unit

SIZES : S to 2XL



CE EN 13688



Retractable hood with visor,
Adjustable with interior lining.



Ref **288PTGNE** grey/black

SOFTSHELL TECHNICAL PARKA
Tramontana. 400g

Composition and gsm

- Exterior: polyester OXFORD (grey melange) 50 g/m²
- softshell: 96% polyester / 4% elastane.
- Intermediate layer (membrane): 100% polyurethane TPU
- Wadding: 100% polyester (160 g/m²)
- Interior layer: 100% polyester (90 g/m²)
- Gsm 400 g/m².



- Very warm and light parka.
- Front and rear reflective details
- Interior neck layer in soft and comfortable PE fabric, with retractable hood.

Units Box: 10

Min. order: 1 unit

SIZES : M to 2XL



CE EN 13688





Ref **288P342AM** navy blue

PARKA CERTIFIED FOR COLD Boreas. 700g

Composition and gsm

- Exterior: polyester OXFORD 300D (240 g/m²)
- Wadding: 100% polyester (180 g/m²)
- Lining: 100% polyester fleece (280 g/m²)
- Gsm 700 g/m².



- Certified up to -50° (depending on the exposure time and user activity) according to the EN 342 standard.
- High thermal insulation.
- 300D Oxford fabric.
- Extra high collar and inner fleece layer that provides greater warmth.
- Removable hood with adjustable size using Velcro, with visor.
- Cuff adjustment with combined system.

Units Box: 10

Min. order: 1 unit

SIZES : S to 3XL

 EN 13688



EN 342



HEAT-SEALED SEAMS



Ref **288PA342AM** navy blue

TROUSERS WITH STRAPS FOR EXTREME COLD Juno. 700g

Composition and gsm

- Exterior: polyester OXFORD 300D (240 g/m²)
- Wadding: 100% polyester (180 g/m²)
- Lining: 100% polyester fleece(280 g/m²)
- Gsm 700 g/m².



- Certified up to -50° (depending on the exposure time and user activity) according to the EN 342 standard.
- High thermal insulation.
- 300D Oxford fabric. Ideal complement for the extreme cold parka **288P342AM**.
- Straps with elastic section and plastic buckle closure.
- Rear dipped hem and chest edging.
- Reinforcement on knees.

Units Box: 10

Min. order: 1 unit

SIZES : S to L

 EN 13688



EN 342



HEAT-SEALED SEAMS





Ref **188TAPV** green

Ref **188TAPAM** navy blue

POLYURETHANE WATERPROOF SUIT_175g

Composition :

- Exterior layer: 100% Polyurethane
- Gsm 175 g/m²



- Composed of a jacket with a retractable hood and trousers with heat-sealed seams.
- Trousers with elastic waistband. False pockets to access the inner garment. Ankle adjustment using snap buttons.
- Jacket with 2 flap pockets. Prevents water entry. Double closure
- Front: zip and Velcro placket.

Units Box: 20 Min. order: 1 unit

SIZES : M to 2XL **EN 13688**



EN 343



HEAT-SEALED SEAMS



Ref **188TAIAM** navy blue

Ref **188TAIY** yellow

Ref **188TAIV** green

POLYESTER/PVC WATER-PROOF SUIT engineer type. 180g

Composition :

- Exterior layer: 150T polyester
- Interior layer: Thermo-bonded PVC
- Gsm 180 g/m²



- Composed of a jacket with a retractable hood and trousers with heat-sealed seams.
- Trousers with elastic waistband. False pockets to access the inner garment.
- Jacket with 2 pockets.

Units Box: 20 Min. order: 1 unit

SIZES : S to 3XL **EN 13688**



EN 343



HEAT-SEALED SEAMS



Ref **188PAIV** green

Ref **188PAIAM** navy blue

POLYESTER/ PVC TROUSERS individual sale unit. 180g

Composition :

- Exterior layer: 150T polyester
- Interior layer: Thermo-bonded PVC
- Gsm 180 g/m²



- Trousers with elastic waistband. False pockets to access the inner garment.

Units Box: 20 Min. order: 1 unit

SIZES : M to 2XL **EN 13688**



EN 343



HEAT-SEALED SEAMS



Ref **188TAPPA** navy blue

Ref **188TAPPV** green

WATERPROOF SUIT POLYURETHANE /POLYESTER_300g

Composition :

- PU/PVC/polyester
- Gsm 300 g/m²



- Jacket with hood and trousers.
- Heat-sealed seams
- **Jacket:** with injected zip and placket with snap closure.
- **Trousers:** with elastic waist and ankle adjustment using snaps. Pockets without bottom for access the inner garment. Fly opening and snap closure.

Units Box: 20 Min. order: 1 unit

SIZES : S to 2XL **EN 13688**



EN 343



HEAT-SEALED SEAMS



Ref **188TA32Y** yellow

Ref **188TA32V** green

PVC WATERPROOF SUIT_400g

Composition :

- Exterior layer: PVC. 0.32mm thick.
- Intermediate layer: polyester mesh.
- Interior layer: 100% PVC.
- Gsm 400 g/m²



- Jacket with hood and trousers.
- Heat-sealed seams
- **Jacket:** with injected zip and placket with snap closure.
- **Trousers:** with elastic waist and ankle adjustment using snaps. Pockets without bottom for access the inner garment. Fly opening and snap closure.

Units Box: 20 Min. order: 1 unit

SIZES : M to 3XL **EN 13688**



EN 343



HEAT-SEALED SEAMS



Ref **188POAV** green

PVC WATERPROOF PONCHO 180g

Composition :

- Exterior layer: 100% PVC.
- Total weight of the garment: 560g
- Gsm 180 g/m²



- Heat-sealed seams.
- 2 snaps on each side to gain insulation and close the sleeve mode garment.

Units Box: 20 Min. order: 1 unit

SIZES : one-size **EN 13688**



EN 343



HEAT-SEALED SEAMS



EN ISO 11612

FIREPROOF

Heat and flame protective clothing

- A: Limited flame spread (A1-A2).
- B: Convective heat (B1-B2-B3). C: Radiant heat (C1-C2-C3-C4).
- D: Cast Aluminium Splashes (D1-D2-D3) E: Cast Iron Splashes (E1-E2-E3)
- F: Contact heat (F1-F2-F3).



EN ISO 14116

Clothing to protect against brief, accidental contact with heat or sparks. For longer exposure, additional protection is needed. Workwear certified to EN ISO14116 reduces the possibility of safety clothing catching fire and becoming a safety hazard to the user.



EN 1149-5

ANTISTATIC

Protective clothing with electrostatic properties.

Ensures that the garment dissipates and does not accumulate electrostatic loads that can generate an electrical spark that acts as a source of ignition in an atmosphere classified as explosive.



EN ISO 11611

WELDING

Protective clothing for welders and related processes

- CLASS 1
Small welding sparks (finer fabrics)
- CLASS 2
Large welding sparks (thicker, higher-tech fabrics or split leathers)



EN ISO 20471

HIGH VISIBILITY

High visibility clothing for user signalling

Keeps employees safe while they focus on their work. Workers will be visible at night, during the day and from any angle, even from behind where it is impossible for them to see.



EN 61482 1-2

ELECTRIC ARC

Protective clothing against the thermal hazards of an electric arc.

They prevent or minimise burns that the user may suffer from the effects of an electric arc. The garments tested by this method are classified: Class 1 (4kA) and Class 2 (7kA), thus trying to simulate the different degrees of exposure.

EN 17353

ENHANCED VISIBILITY

Clothing to enhance the user's presence in medium risk situations.

DAY



EN 17353
type B

NIGHT



EN 17353
type B

DAY and NIGHT



EN 17353
type AB





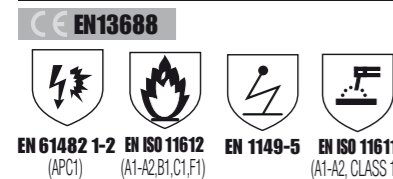
Ref. **988CIAMAM**
FIREPROOF and ANTISTATIC jacket. 250g

Composition :
60% polyester/ 38% cotton
2% polyamide. Seams with meta-aramid thread.

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Fabric with permanent fire retardant properties that do not disappear with washing.
- Pictograms and certified standards, engraved by heat transfer in retroreflective silver, in a highly visible place, facilitating tasks in compliance with occupational risk prevention in the metallurgical, petrochemical and naval industries.

Units box: 20 Min. order: 1 unit

SIZES: 48-50 to 68-70



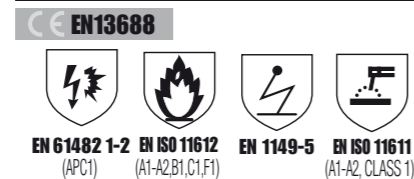
Ref. **988PIAMAM**
FIREPROOF and ANTISTATIC trousers. 250g

Composition :
60% polyester/ 38% cotton
2% polyamide. Seams with meta-aramid thread.

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Fabric with permanent fire retardant properties that do not disappear with washing.
- Pictograms and certified standards, engraved by heat transfer in retroreflective silver, in a highly visible place, facilitating tasks in compliance with occupational risk prevention in the metallurgical, petrochemical and naval industries.

Units box: 20 Min. order: 1 unit

SIZES: 38/40 to 62/64



Ref. **988CAIAMAM**
FIREPROOF and ANTISTATIC shirt. 180g

Composition :
60% polyester/ 38% cotton
2% polyamide. Seams with meta-aramid thread.

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Fabric with permanent fire retardant properties that do not disappear with washing.
- Pictograms and certified standards, engraved by heat transfer in retroreflective silver, in a highly visible place, facilitating tasks in compliance with occupational risk prevention in the metallurgical, petrochemical and naval industries.

Units box: 25 Min. order: 1 unit

SIZES: 37/38 to 51/52



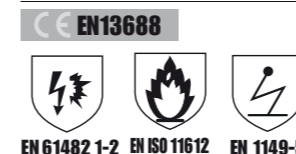
Ref. **988TSAAM**
FIREPROOF and ANTISTATIC t-shirt. 160g
XISPAL knit fabric

Composition :
50% Cotton / 39% Modacrylic
10% viscose / 1% anti-static fibre.
Seams with meta-aramid thread.

- Resistant to washing.
- Xispal RS[®] knit fabric.
- Heat protection, anti-static protection and also protects against electric arc. Permanent fireproof fabric.
- Complies with the OEKO_TEX 100 standard. Pictograms and certified standards, engraved in white, in a highly visible place in order to facilitate tasks in compliance with the prevention of occupational risks in the metallurgical, petrochemical and naval industries, among the most relevant.

Units box: 40 M. order: 1 unit

SIZES: XS to 3XL



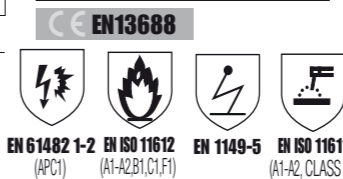
Ref. **988BIAMAM**
FIREPROOF and ANTISTATIC overalls. 250g

Composition :
60% polyester/ 38% cotton
2% polyamide. Seams with meta-aramid thread.

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Fabric with permanent fire retardant properties that do not disappear with washing.
- Pictograms and certified standards, engraved by heat transfer in retroreflective silver, in a highly visible place, facilitating tasks in compliance with occupational risk prevention in the metallurgical, petrochemical and naval industries.

Units box: 10 M. order: 1 unit

SIZES: 48/50 to 68/70



Ref. **988VFYIAYF**
FIREPROOF and ANTISTATIC vest. High visibility. 130g

Composition :
98% Polyester / 2% antistatic thread. Seams with meta-aramid thread.

- For dangerous situations of low visibility, where an antistatic garment is also required (ATEX environments).
- Flame retardant retroreflective bands. Pictograms and certified standards, engraved by heat transfer in navy blue, in a highly visible place in order to facilitate tasks in compliance with the prevention of occupational risks in the metallurgical, petrochemical and naval industries.

Units box: 50 M. order: 1 unit

SIZES: M to XXL



Ref. **988PAIAM**
FIREPROOF and ANTISTATIC balaclava. 210g

Composition :
49% modacrylic / 49% cotton
2% anti-static fibre. Seams with meta-aramid thread.

- Heat and flame environments, and welding, where an antistatic garment is also required (ATEX environments).

Units box: 50 M. order: 1 unit

SIZE: One-size



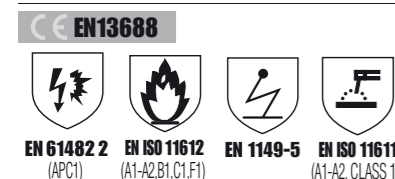


Ref. 988CIAAEAM
FIREPROOF and ANTISTATIC jacket. Treated cotton 270g

Composition :
98% cotton (treated) / 2% antistatic fibre. Seams with meta-aramid thread.

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Cotton fabric treated with resistance to the flame retardant properties of the fabric for 50 washes.
- Pictograms and certified standards, engraved by heat transfer in retro-reflective silver, in a highly visible place, facilitating tasks in compliance with the prevention of occupational risks in the metallurgical, petrochemical and naval industries.

Units box: 20 Min. order: 1 unit
SIZES: 48/50 to 68/70

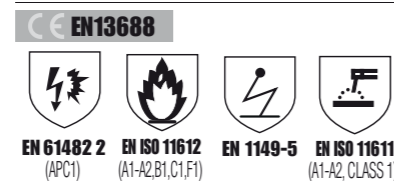


Ref. 988PIAAEAM
FIREPROOF and ANTISTATIC trousers. Treated cotton 270g

Composition :
98% cotton (treated) / 2% antistatic fibre. Seams with meta-aramid thread.

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Cotton fabric treated with resistance to the flame retardant properties of the fabric for 50 washes.
- Pictograms and certified standards, engraved by heat transfer in retro-reflective silver, in a highly visible place, facilitating tasks in compliance with the prevention of occupational risks in the metallurgical, petrochemical and naval industries.

Units box: 20 Min. order: 1 unit
SIZES: 38/40 to 62/64

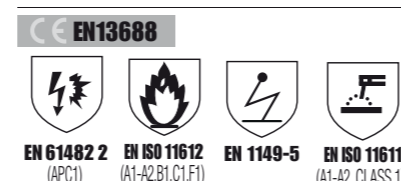


Ref. 988CAICAM
FIREPROOF and ANTISTATIC shirt. Treated cotton 220g

Composition :
98% cotton (treated) / 2% antistatic fibre. Seams with meta-aramid thread.

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Cotton fabric treated with resistance to the flame retardant properties of the fabric for 50 washes.
- Pictograms and certified standards, engraved by heat transfer in retro-reflective silver, in a highly visible place, facilitating tasks in compliance with the prevention of occupational risks in the metallurgical, petrochemical and naval industries.

Units box: 25 Min. order: 1 unit
SIZES: 37/38 to 51/52

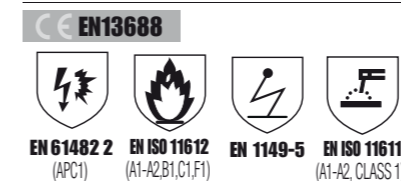


Ref. 988PKIAAEAM
FIREPROOF and ANTISTATIC Parka. Treated cotton 270g

Composition :
Exterior layer: treated cotton: 260g/m². Middle layer (wadding) polyester wadding 260g/m². Interior layer treated cotton 220g/m². Seams with meta-aramid thread.

- Cotton fabric treated with resistance of flame retardant properties of the fabric for 50 washes, very light and comfortable.
- Pictograms and certified standards, engraved by heat transfer in retro-reflective silver to facilitate tasks in compliance with the prevention of occupational risks in the metallurgical, petrochemical and naval industries.

Units box: 5 Min. order: 1 unit
SIZES: S to 3XL

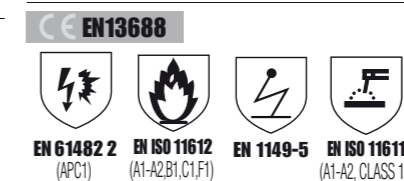


Ref. 988BIAAEAM
FIREPROOF and ANTISTATIC overalls. Treated cotton 270g

Composition :
98% cotton (treated) / 2% antistatic fibre. Seams with meta-aramid thread.

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Cotton fabric treated with resistance to the flame retardant properties of the fabric for 50 washes.
- Pictograms and certified standards, engraved by heat transfer in retro-reflective silver, in a highly visible place, facilitating tasks in compliance with the prevention of occupational risks in the metallurgical, petrochemical and naval industries.

Units box: 10 Min. order: 1 unit
SIZES: 48/50 to 68/70

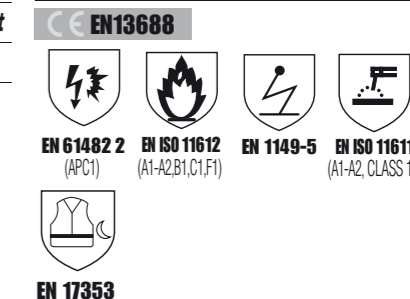


Ref. 988BIRAM
FIREPROOF and ANTISTATIC overalls / RETRO-REFLECTIVE BANDS. Treated cotton 220g

Composition :
98% cotton (treated) / 2% antistatic fibre. Seams with meta-aramid thread.

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Cotton fabric treated with resistance to the flame retardant properties of the fabric for 50 washes.
- Multipockets. Hole for flexible knee pads.

Units box: 10 Min. order: 1 unit
SIZES: 48/50 to 68/70





Ref. **988CFYIAYFA**
High visibility jacket
 FIREPROOF and ANTISTATIC gear
 SIZES: 48/50 to 68/70



Ref. **988PFYIAYFA**
High visibility trousers.
 FIREPROOF and ANTISTATIC gear
 SIZES: 38/40 to 62/64



Composition :
 90% cotton (treated), 8% Polyester and 2% polyamide. Seams with meta-aramid thread.

- Protection against heat and flames, welding and related processes and the thermal effects of an electric arc.
- Cotton fabric treated with resistance of flame retardant properties of the fabric for 25 washes.
- Pictograms and certified standards, engraved by heat transfer in retroreflective silver.

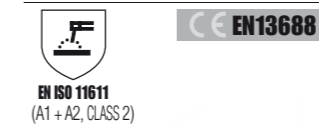
Units box: 20 Min. order: 1 unit
EN13688



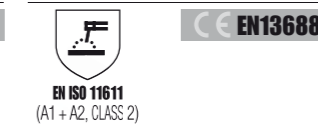
Ref. **888MDG**
WELDING APRON
 90x60cm
Composition :
 Split leather.
 Units box: 25
 Min. order: 1 unit
 SIZE: One-size



Ref. **888PLG**
WELDING GAITER
 Velcro closure
Composition :
 Split leather.
 Units box: 25
 Min. order: 1 unit
 SIZE: One-size



Ref. **888CHSG**
WELDING JACKET
 Velcro closure
Composition :
 Split leather.
 Units box: 10
 Min. order: 1 unit
 SIZE: One-size



Ref. **888MGG**
WELDING SLEEVE
 Up to the elbow. Elastic cuffs
Composition :
 Split leather.
 Units box: 25
 Min. order: 1 unit
 SIZE: One-size



Ref. **888MGHG**
WELDING SLEEVE
 To the shoulders. Elastic cuffs
Composition :
 Split leather.
 Units box: 25
 Min. order: 1 unit
 SIZE: One-size



STEELGEN DISPOSABLE CHEMICAL PROTECTION CLOTHING. CATEGORY 3



TYPE3B

EN 14605



TYPE4B

EN 14605



TYPE5B

EN ISO 13982-1



TYPE6B

EN13034

TYPE 3. Protection against pressurised **liquid chemical agents**. Clothing with sealed seams that protects against liquids.

TYPE 4. Protection against **liquid sprays**. Aerosol protective clothing, with sealed seams between the different parts of the clothing.

TYPE 5. Protection against **dust and solid particles**. Chemical protective clothing that protects the entire body to prevent dust or any solid particles suspended in the air from penetrating.

TYPE 6. Protection against **small liquid splashes**. It is the lowest level of chemical protection and they are suits that can be used whenever a complete permeation barrier against chemical liquids is not needed. They are designed to protect against small sprays or accidental splashes of low volume and low pressure.

PROTECTION AGAINST OTHER RISKS.

antistatic



EN 1149-5

biological



EN 14126

particles
radioactive



EN 1073-2





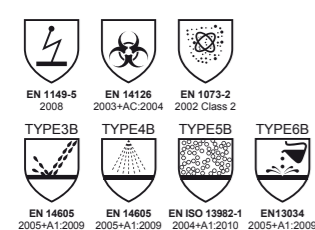
Ref. **1188B3456Y**
STEELGEN 5000.

Chemical risk type 3, 4, 5 and 6. Biological Protection (EN14126). Antistatic (EN1149-5). Protection against radioactive particles (EN1073-2).

- Silicone and latex free with three-piece hood
- Front zip closure with adhesive flap.
- Elastic adjustment on hood and waist, cuffs and ankles.
- Heat-sealed seams. Finger holders on sleeves and chin cover.
- Antistatic overalls on both sides.
- 60% Polypropylene and 40% Polyethylene (82 grammes/m²).

USES Industrial, chemical industry, particle handling (glass fibres, toxic dusts, asbestos...), industrial cleaning (tanks...), clean rooms, paint spraying, activities with biological risk (agriculture, veterinary, organic decomposition, waste, food...), pharmaceutical sector, shipbuilding, confined spaces (tunnels, mining...), petrochemical sector.

Units box: 20 **Min. order: 1 unit**
SIZES: S to 3XL



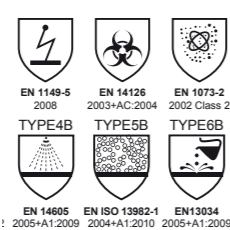
Ref. **1188B456PBL**
STEELGEN 3000.

Chemical risk type 4, 5 and 6. Biological Protection (EN14126). Antistatic (EN1149-5) Protection against radioactive particles (EN1073-2).

- Silicone and latex free with three-piece hood
- Front zip closure with adhesive flap.
- Elastic adjustment on hood and waist, cuffs and ankles.
- Finger holders on sleeves and chin cover.
- Antistatic overalls on both sides.
- 55% Polypropylene (SP) and 45% Polyethylene (microporous film) (60 grammes/ m²).

USES Maintenance of swimming pools, workshops, nautical..., manipulation of particles (fibres of glass, toxic dusts, asbestos...), cleaning, industrial painting, clean rooms, activities with biological risk (agriculture, veterinary, organic decomposition, waste, food...), pharmaceutical sector, shipbuilding, confined spaces (tunnels, mining...)

Units box: 25 **Min. order: 1 unit**
SIZES: S to 3XL



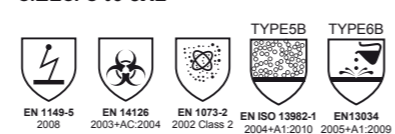
Ref. **1188B56PROBL**
STEELGEN 1000.

Chemical risk type 5 and 6. Biological Protection (EN14126). Antistatic (EN1149-5) Protection against radioactive particles (EN1073-2).

- Chemical risk type 5 and 6. Biological Protection (EN14126).
- Antistatic (EN1149-5) Protection against radioactive particles (EN1073-2).
- Silicone and latex-free STEELGEN disposable overalls with three-piece hood, front zip closure with placket. Elastic adjustment on hood and waist, cuffs and ankles.
- Antistatic overalls on both sides. Material: 55% Polypropylene (SP) and 45% Polyethylene (microporous film).
- (60 grammes/ m²).

USES Maintenance of swimming pools, workshops, nautical..., manipulation of particles (fibres of glass, toxic dusts, asbestos...), cleaning, low-risk chemical products... in environments where there is a risk of flame (petrochemical platforms, ATEX environments, distribution and handling of fuels...)

Units box: 25 **Min. order: 1 unit**
SIZES: S to 3XL



Disposable polypropylene clothing, where chemical protection of the user is not necessary; Avoid stains on clothing, such as hygiene items (when visiting factories and the food industry)...etc.

Ref. **1188BPPEBL**
Disposable overalls

Disposable overalls 100% economical polypropylene 30 g/m². Zip and elastic closure on the hood, wrists, ankles and waist.

Units box: 50 **Min. order: 10 units**
SIZES: M to 2XL

Ref. **1188CPPEBL**
Disposable shoe covers

Polypropylene 30 g/m². With elastic. (Minimum price and units = 1 Pack of 100 units)

Units box: 10 **Min. order: 1 unit**
SIZE: U



Ref. **1188GPPEBL**
Disposable cap

Polypropylene 12 g/m². With elastic. (Minimum price and units = 1 Pack of 100 units)

Units box: 10 **Min. order: 1 unit**
SIZE: U

Ref. **1188BAPPEBL**
Disposable gown

Disposable polypropylene gown 30 g/m². Four-point Velcro closure.

Units box: 50 **Min. order: 10 units**
SIZES: S to 2XL

Safety footwear

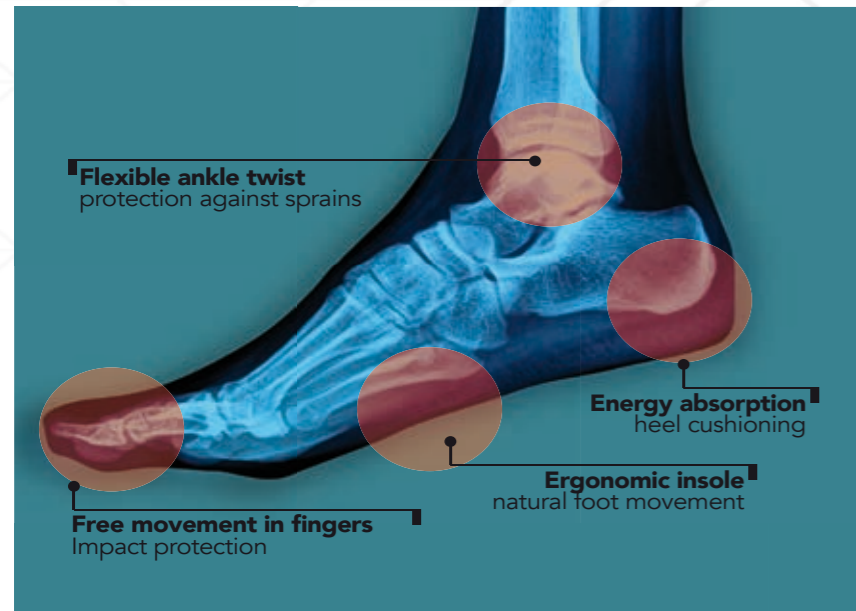


Biomechanics

It is essential when designing safety footwear to take into account its suitability for use. The best environment for the worker's foot is one that does not limit or restrict its natural functions.

Good pressure distribution under the foot is very important, which has a lot to do with the design and materials of the footwear (geometry, insole, sole, etc...). All of this determines the way our muscles will work, since they can cause fatigue and have implications not only in the lack of comfort and performance of the worker, but also become a risk.

The geometry of the sole, its compression capacity, its orientation...etc. They influence the control of movement, the moment the foot contacts the ground and the force on the ankle. The evaluation of the ergonomic characteristics of footwear for professional use is described in the ISO 20344 standard, where the footwear is tested simulating typical movements that are performed when wearing footwear for professional use.



The sole: It must be flexible, it must protect against irregularities, it must thermally insulate, cushion footfall energy, do not slip, providing adequate grip

Upper and lining: Using natural and breathable materials that are soft and adaptable.

Insole: It should be soft but with a certain thickness to correctly distribute pressure on the sole of the foot, breathable and absorbent (to avoid moisture accumulation inside the foot).

Tree: It should be roomy enough to put pressure on the foot, adapt to movements but support the foot and protect it. The toe should not be narrow to allow the toes to fit comfortably inside.

Materials

To provide safety to the foot from external aggressions, we can use materials with high properties against impact or perforation such as steel, aluminium or synthetic materials such as composites or polyamides that provide identical protection with less weight and volume.

To achieve mechanical comfort, dynamic and biomechanical studies on plantar supports, foot pressures during walking, stride stability... are based mainly on their cushioning capacity. To do this, materials such as Ethylene Vinyl Acetate (EVA) or Polyurethane (PU) usually provide excellent shock-absorbing properties against impacts. It is important when it comes to their formulations and manufacturing, to find the balance between their duration and their cushioning and stabilising properties. Also the materials used in cutting (flexible materials and those that adapt to the shape of the foot) are important when it comes to reducing joint and muscle damage caused by and necessary mechanical resistance.

Thermal comfort must also be taken into account when choosing the material, since it must provide thermal insulation and keep the foot dry.

PU/Nitrile soles usually have better temperature performance, insulating the foot against heat and cold. For the upper, the latest generation microfibers provide a good breathability index that helps keep the foot dry, and release the heat generated by the foot's own activity, especially in conditions of high physical effort.

Tips for proper selection:

1st Protection of the foot against external aggressions (falling objects, perforations, cuts...etc.), against slipping, against external inclement weather (cold, rain, heat...etc.) and other risks that must be evaluated by the prevention agent.

2nd Mechanical and thermal comfort, stability in the step, shock absorption and breathability, which will depend on each particular job.



STANDARDS EN ISO 20345:2011						
MINIMUM REQUIREMENTS	acronyms	SB	S1	S1P	S2	S3
TOE RESISTANT TO 200J	S	•	•	•	•	•
OIL/HYDROCARBONS RESISTANCE	FO		•	•	•	•
ENERGY ABSORPTION IN HEEL	E		•	•	•	•
ANTISTATIC FOOTWEAR	A		•	•	•	•
ANTI-PERFORATION INSOLE	P			•		•
RESISTANCE TO CUTTING WATER	WRU				•	•
SLIP RESISTANCE	SR	•	•	•	•	•

LIGHT EVOLUTION

Cushioning. Absorbing impact energy to avoid damaging joints and avoiding overload.

Lightness. Energy savings and ergonomics.

Flexibility. All types of movements.

Mechanical. Resistance to abrasion and traction.

Stability.



ESD FOOTWEAR
For electrostatic protection areas.
*Ref 1688 ZLE / BLE

Chemical, pharmaceutical, oil, gas, painting, energy, wood, workshops, storage.

In ATEX atmospheres

Chemical, pharmaceutical, oil, gas, painting, energy, wood, workshops, storage.



E-TPU INSERT
Thermoplastic Polyurethane expansion

Energy savings, reduction of fatigue, reduction of diseases and dysfunctions of the feet (anatomical anomalies, plantar fasciitis, talalgias... etc.), increased comfort and safety for the user.

General use in jobs with high physical activity (long trips, extended periods of standing, stairs, transportation and storage, maintenance...).

Double density polyurethane SOLE
With maximum lightness and flexibility.

METAL Free



Grooves for evacuation of liquids, oils and hydrocarbons.



METAL Free

Ref. **1688ZLENE CENTURIÓN**
ESD / S3 / SRC / WRU / E / A

Fabric / composition Suede microfibre

Anti perforation pad Textile

Sole Double density polyurethane E-TPU insert in heel

Insole Moulded PU foam

Safety stop Fibreglass

Units box: 10

SIZES: 36 to 47

Min. order: 1 pair

EN 20345



METAL Free

Ref. **1688BLENE MINERVA**
ESD / S3 / SRC / WRU / E / A

Fabric / composition Suede microfibre

Anti perforation pad Textile

Sole Double density polyurethane E-TPU insert in heel

Insole Moulded PU foam

Safety stop Fibreglass

Units box: 10

SIZES: 36 to 47

Min. order: 1 pair

EN 20345

Fiberglass safety stop. Resistance: 200j

Antistatic Insole

Conductive static energy.

*Ref: 1688 ZLE / BLE

Antibacterial Ergonomic distribution to reduce plantar pressure.



Anti-perforation insole. Non-metallic.

Puncture resistant up to 1,100 N



METAL Free

Ref. **1688ZLEFNE DRACO**
S1P / SRC / E / A

Fabric / composition Breathable synthetic mesh Microfibre and TPU reinforcements

Anti perforation pad Textile

Sole Double density polyurethane E-TPU insert in heel

Insole Moulded PU foam

Safety stop Fibreglass

Units box: 10

SIZES: 35 to 47

Min. order: 1 pair

EN 20345

EXTRALIGHT

Made with a new generation material, injected through a patented modelling process that guarantees its intrinsic properties:

1. Lightness and comfort. Low density (0.11-0.50g/cm³), good physical and mechanical properties (abrasion DIN 53516/77, 95/285 mm³) and excellent tactile appearance (hardness 20-50 Edge A).

2. Resistance. Material made from tight cells that do not absorb substances or external agents (water, chemical agents). Resistance to atmospheric agents (especially low temperatures), bacteria, UV rays, and the passage of time and discolouration.

3. Cushioning. Absorbing up to 50% more than conventional soles.

4. Eco-friendly. The production cycle is designed to limit material waste, uses clean energy from photovoltaic systems, and its materials are completely free of solvents and harmful substances and of heavy materials.

*Not recommended for heavy industry and construction

**METAL
Free**

Conformed PU insole.
Ergonomic distribution to reduce plantar pressure.

Safety TOE CAP in Nanocomposite
Resistance: 200 j



Textile insole anti-perforation BIONIC LAYER. Puncture resistant up to 1,100 N

EXTRALIGHT® SOLE



ANTI-PERFORATION INSOLE BIONIC LAYER



Textile insole created for the American navy, it offers the same protection characteristics as a conventional one, but with much greater flexibility, lightness and comfort. It is also breathable, and perfectly absorbs both energy impacts and sweat. Bionic Layer, an improvement to the continuation of our foot...

SAFETY TOE CAP NANOCOMPOSITE



Textile insole State-of-the-art toe cap, manufactured using carbon nanotubes arranged in a beehive structure, and wrapped in a cylinder that is between 10 and 50 nanometres in diameter. Once these tubes are intertwined, and combined with a fibreglass resin, they are capable of creating one of the strongest and lightest safety toe caps on the market.



**METAL
Free**

Ref. **1688ZQX1A QART X1**
S1P / SRC / E / A

Fabric / composition Synthetic mesh

Anti perforation pad Bionic Layer®

Sole Extralight®

Insole Moulded PU foam

Safety stop Nanocomposite

Units box: 10

Min. order: 1 pair

SIZES: 36 to 47

CE EN 20345



**METAL
Free**

Ref. **1688ZQX2NER QART X2**
S1P / SRC / E / A

Fabric / composition Synthetic mesh

Anti perforation pad Bionic Layer®

Sole Extralight®

Insole Moulded PU foam

Safety stop Nanocomposite

Units box: 10

Min. order: 1 pair

SIZES: 36 to 47

CE EN 20345



**METAL
Free**

Ref. **1688ZQX3NE QART X3**
S3 / SRC / E / A

Fabric / composition Breathable synthetic mesh
Microfibre and TPU reinforcements

Anti perforation pad Bionic Layer®

Sole Extralight®

Insole Moulded PU foam

Safety stop Nanocomposite

Units box: 10

Min. order: 1 pair

SIZES: 36 to 47

CE EN 20345



FLEXAIR

An updated and sophisticated sole, specially developed to obtain flexibility and lightness, using a lighter Polyurethane and a sole design that facilitates flexion in the direction of walking and for those jobs that require forced postures that flex the foot (maintenance flexair logistics, warehouses, maintenance technicians, etc...).



METAL free



Ref. **1688ZFZ5GYF FLEXUM Z5**
S3S / SR / E / to / WRU / FO

Fabric / composition Knit with water-repellent treatment

Anti perforation pad Textile

Sole Double density polyurethane

Insole Moulded PU foam

Safety stop Fibreglass

Units box: 10 Min. order: 1 pair
SIZES: 36 to 47 **EN 20345**

Moulded PU Foam insole.
Ergonomic layout to reduce plantar pressure.

Fiberglass safety toe cap.
Resistance : 200j

Textile insole Anti perforation.
Non-metallic puncture resistant up to 1,100 N

FLEX AIR SOLE
Double density polyurethane



Ref. **1688ZFZ1AG FLEXUM Z1**
S3 / SRC / WRU / E / A

Fabric / composition Nubuck Microfibre
Leather microfibre

Anti perforation pad Textile

Sole Double density polyurethane

Insole Moulded PU foam

Safety stop Fibreglass

Units box: 10 Min. order: 1 pair
SIZES: 36 to 47 **EN 20345**



Ref. **1688ZFZ3GN FLEXUM Z3**
S3 / SRC / WRU / E / A

Fabric / composition Nubuck Microfibre
Leather microfibre

Anti perforation pad Textile

Sole Double density polyurethane

Insole Moulded PU foam

Safety stop Fibreglass

Units box: 10 Min. order: 1 pair
SIZES: 36 to 47 **EN 20345**



Ref. **1688ZFZ2GR FLEXUM Z2**
S1P / SRC / E / A

Fabric / composition Breathable synthetic mesh with Microfibre reinforcements

Anti perforation pad Textile

Sole Double density polyurethane

Insole Moulded PU foam

Safety stop Fibreglass

Units box: 10 Min. order: 1 pair
SIZES: 36 to 47 **EN 20345**



Ref. **1688ZFZ4YFA FLEXUM Z4**
S1P / SRC / E / A

Fabric / composition Breathable synthetic mesh with Microfibre reinforcements

Anti perforation pad Textile

Sole Double density polyurethane

Insole Moulded PU foam

Safety stop Fibreglass

Units box: 10 Min. order: 1 pair
SIZES: 36 to 47 **EN 20345**



SPLIT CLASSIC

Safety and work footwear, sober lines and designs with a casual component. The incorporation of grilles and splits provide ventilation and air circulation for high intensity work.

HIGH PERFORMANCE and breathability



METAL Free

Ref. **1688BSMMA EMÉRITA (Membrane)**

S3 / WR / SRC / WRU / CI / E / A

Fabric / composition Microfibre and breathable synthetic mesh. Inner membrane

Anti perforation pad Textile

Sole Double density polyurethane

Insole Moulded PU foam

Safety stop Fibreglass

Units box: 10

Min. order: 1 pair

SIZES: 38 to 47

EN 20345



METAL Free

Ref. **1688BSMMA EMERITA**
S1P / SRC / E / A

Fabric / composition Microfibre and breathable synthetic mesh

Anti perforation pad Textile

Sole Double density polyurethane

Insole Moulded PU foam

Safety stop Fibreglass

Units box: 10

Min. order: 1 pair

SIZES: 34 to 49

EN 20345



METAL Free

Ref. **1688ZSAA HISPALIS**
S1P / SRC / E / A

Fabric / composition Microfibre and breathable synthetic mesh

Anti perforation pad Textile

Sole Double density polyurethane

Insole Moulded PU foam

Safety stop Fibreglass

Units box: 10

Min. order: 1 pair

SIZES: 34 to 49

EN 20345



METAL Free

Ref. **1688ZSMA LUSITANIA**
S1P / SRC / E / A

Fabric / composition Microfibre and breathable synthetic mesh

Anti perforation pad Textile

Sole Double density polyurethane

Insole Moulded PU foam

Safety stop Fibreglass

Units box: 10

Min. order: 1 pair

SIZES: 34 to 49

EN 20345



Trekking type
WITHOUT safety
PROTECTION

Ref. **1688BSPMA ARES**
O2 / WRU / SRC / E / A

Fabric / composition Microfibre and breathable synthetic mesh Hydro-fuges

Sole Double density polyurethane

Insole Moulded PU foam

Units box: 10

Min. order: 1 pair

SIZES: 38 to 47

EN 20347

BASIC LINE

Safety footwear for continuous use designed for the most demanding conditions but without giving up comfort and design.

MAXIMUM
COMFORT
high
performance



METAL Free

* Velcro closure facilitates quick removal of footwear.

Ref. **1688BSBLNE ONUBA**
S3 / SRC / WRU / E / A

Fabric / composition	Water-repellent microfibre
Anti perforation pad	Textile
Sole	Double density polyurethane
Insole	Moulded PU foam
Safety stop	Fibreglass

Units box: 10
SIZES: 38 to 47

Min. order: 1 pair
EN 20345



METAL Free

CI: INSULATION against the cold of the ground (-20°C)

Ref. **1688ZBMPROBL ADRIÁTICO**
S2 / SRC / WRU / CI / E / A

Fabric / composition	Water-repellent microfibre
Sole	Polyurethane Bidensity
Insole	Antibacterial conformed PU foam
Safety stop	Fibreglass

Units box: 10
SIZES: 35 to 47

Min. order: 1 pair
EN 20345



METAL Free

Ref. **1688ZBLNE TARRACO**
S3 / SRC / WRU / E / A

Fabric / composition	Water-repellent microfibre
Anti perforation pad	Textile
Sole	Double density polyurethane
Insole	Moulded PU foam
Safety stop	Fibreglass

Units box: 10
SIZES: 34 to 49

Min. order: 1 pair
EN 20345



METAL Free

Ref. **1688BBLNE SAGUNTO**
S3 / SRC / WRU / E / A

Fabric / composition	Water-repellent microfibre
Anti perforation pad	Textile
Sole	Double density polyurethane
Insole	Moulded PU foam
Safety stop	Fibreglass

Units box: 10
SIZES: 34 to 49

Min. order: 1 pair
EN 20345



Ref. **1688BNE MASTIA**
S1P / SRC / E / A

Fabric / composition	Microfibre
Anti perforation pad	Steel
Sole	Double density polyurethane
Insole	EVA
Safety stop	Steel

Units box: 10
SIZES: 36 to 47

Min. order: 1 pair
EN 20345



Ref. **1688BSONE VULCANO**
S1P / SRC / E / A

Fabric / composition	Microfibre
Anti perforation pad	Steel
Sole	Double density polyurethane
Insole	EVA
Safety stop	Steel

Units box: 10
SIZES: 38 to 47

Min. order: 1 pair
EN 20345



METAL Free

Ref. **1688ZNE UXAMA**
S1P / SRC / E / A

Fabric / composition	Microfibre
Anti perforation pad	Steel
Sole	Double density polyurethane
Insole	EVA
Safety stop	Steel

Units box: 10 Min. order: 1 pair
SIZES: 36 to 47 EN 20345



METAL Free

Ref. **1688PVNE VISIT**

Fabric / composition	Microfibre
Safety stop	Steel

Units box: 10 Min. order: 1 pair
SIZES: M (36-42)/L (43-48) CE UE 2016/425



Ref. **1688ZSG SCORPIO**
S1P / SRC / E / A

Fabric / composition	Perforated leather microfibre and synthetic meshSteel
Anti perforation pad	Steel
Sole	Double density polyurethane
Insole	EVA
Safety stop	Steel

Units box: 10 Min. order: 1 pair
SIZES: 36 to 47 EN 20345



Ref. **1688ZS1G SCORPIO**
S1 / SRC / E / A

Fabric / composition	Perforated leather microfibre and synthetic meshSteel
Sole	Double density polyurethane
Insole	EVA
Safety stop	Steel

Units box: 10 Min. order: 1 pair
SIZES: 36 to 47 EN 20345

No insole for anti-perforation
HIGH FLEXIBILITY



PU NITRILE



METAL Free

Ref. **1688BSOGRNE TERMÓPILAS**
S3 / SRC / CI / WRU / E / to / HRO

Fabric / composition	Water-repellent microfibre
Anti perforation pad	Textile
Sole	PU / Nitrile Rubber
Insole	Conformed EVA
Safety stop	Fibreglass

Units box: 10 Min. order: 1 pair
SIZES: 38 to 47 EN 20345



METAL Free

Ref. **1688BGNRNE TRAJANO**
S3 / SRC / CI / WRU / E / to / HRO

Fabric / composition	Water-repellent microfibre
Anti perforation pad	Textile
Sole	PU / Nitrile Rubber
Insole	Conformed EVA
Safety stop	Fibreglass

Units box: 10 Min. order: 1 pair
SIZES: 38 to 47 EN 20345



METAL Free

Ref. **1688ZGNRNE ADRIANO**
S3 / SRC / CI / WRU / E / to / HRO

Fabric / composition	Water-repellent microfibre
Anti perforation pad	Textile
Sole	PU / Nitrile Rubber
Insole	Conformed EVA
Safety stop	Fibreglass

Units box: 10 Min. order: 1 pair
SIZES: 38 to 47 EN 20345



*Protection against impacts (200J) in areas where the use of safety footwear with toe protection is mandatory (visiting factories, construction sites, workshops...).It adapts quickly and easily to the user's footwear by means of an elastic. **Non-slip sole on the sole.**



Safety cap VISITS attachable on toe



CI: INSULATION against the cold of the ground (-20°C)
HRO: RESISTANCE to heat by contact (300°C / 1 minute)



CI: INSULATION against the cold of the ground (-20°C)
HRO: RESISTANCE to heat by contact (300°C / 1 minute)



Ref. **BECO1NE**
S3 / SRC / WRU / E / A

Fabric / composition Water-repellent leather
Anti perforation pad Steel
Sole Double density polyurethane
Insole EVA
Safety stop Steel

Units box: 10
SIZES: 35 to 48
Min. order: 1 pair
EN 20345

Ref. **ZECO1NE**
S3 / SRC / WRU / E / A

Fabric / composition Water-repellent leather
Anti perforation pad Steel
Sole Double density polyurethane
Insole EVA
Safety stop Steel

Units box: 10
SIZES: 35 to 48
Min. order: 1 pair
EN 20345



Ref. **ZSECO1NE**
S1P / SRC / E / A

Fabric / composition Perforated split leather and synthetic mesh
Anti perforation pad Steel
Sole Double density polyurethane
Insole EVA
Safety stop Steel

Units box: 10
SIZES: 35 to 48
Min. order: 1 pair
EN 20345

Ref. **ZSECO2NE**
S1P / SRC / E / A

Fabric / composition Perforated split leather and synthetic mesh
Anti perforation pad Textile
Sole Double density polyurethane
Insole EVA
Safety stop Fibreglass

Units box: 10
SIZES: 35 to 48
Min. order: 1 pair
EN 20345



Ref. **A571411BL SB / FO / SRA**
Polymeric safety boot for **ELECTRICAL RISK**

- Made with a special mixture of PVC and nitrile rubber with high electrical resistance. It allows electrical insulation of the worker's feet, even in the presence of water.
- Metal safety toe cap.
- SRA anti-slip resistance.
- Highly abrasion resistant for durability.
- Resistant to FO hydrocarbons.
- Only footwear made entirely of polymers (Class 2), type wellies, guarantees electrical insulation according to the only current electrical risk standard.

USES General Use (Safety footwear) with and without the presence of water, and with electrical risk. All types of work with electrical risk (energy, industrial maintenance, chemical plants, electricians, telecommunications).

Units box: 6
Min. order: 1 pair
EN20345
EN50321 Class 0. Electricity insulating footwear in low voltage installations. Class 0 (1,000V in AC 1500V in DC)
SIZES: 39/40 to 47

Ref. **A442AB1V S5 / SRA**
Polymeric safety boots for **CHEMICAL RISK**

- Made with a special mixture of PVC and nitrile rubber with high chemical resistance.
- Safety stop and anti-perforation template in steel.
- Additional certification against Sulphuric Acid (50% concentration).
- SRA anti-slip resistance.
- Highly abrasion resistant for durability.
- Extra ankle protection.

USES General use (safety footwear) in environments with a lot of water and risk of chemical splashes. Petrochemical plants, handling of chemical elements in agriculture, chemical and processing plants, livestock, paint and solvents, construction with chemical risk, industrial maintenance, work with chemical waste and decontamination, organic decomposition environments...etc.

Units box: 6
Min. order: 1 pair
EN20345 S5
EN13832-3 (J K O P Q R) Footwear with high resistance to chemical products.
SIZES: 39 to 47



HIGH LEG PVC WATERPROOF BOOTS

- PVC waterproof boot in leg and sole.
- Non-slip and hydrocarbon resistant sole.
- Energy absorption in the heel (E).
- Polyester inner lining

Ref. **380PPNE black**

Ref. **380VPV green**

USES Work in conditions of extreme humidity or with water, for outdoor use (construction, agriculture).

Units box: 8 **Min. order: 1 pair**
SIZES: 35 to 47



Ref. **142VPV PVC/NITRILE HIGH LEG Green safety waterproof boots (S5)**

- Waterproof boots with PVC in the leg and PVC/Nitrile in the sole.
- Extra-large steel safety toe cap and anti-perforation steel insole (S5).
- Energy absorption in the heel, antistatic and anti-slip.
- Hydrocarbon resistant.
- Polyester inner lining.

USES Work in conditions of extreme humidity or with water and where protection is required on the toe and insole. Especially indicated for outdoor work (construction, industry, agriculture) with risk of impact on the toe or risk of perforation in the sole.

Units box: 6 **Min. order: 1 pair**
SIZES: 36 to 48



Ref. **171BVBL PVC/NITRILE HIGH LEG White safety waterproof boots**

- PVC/Nitrile waterproof boot on leg and sole.
- Extra-large steel safety toe cap.
- Maximum anti-slip coefficient SRA.
- Energy absorption in the heel (E).
- Hydrocarbon resistant sole (FO).
- Polyester inner lining.

USES Work in conditions of extreme humidity or water and where toe protection is required. Especially indicated in the food industry.

Units box: 6 **Min. order: 1 pair**
SIZES: 36 to 48



Ref. **380BVBL PVC/NITRILE HIGH LEG White waterproof boots**

- PVC/Nitrile waterproof boot on leg and sole.
- Certified under the ISO 6112 standard (animal fats and vegetable oils).
- Polyester inner lining.

USES Work in conditions of extreme humidity or with water. Especially indicated in the food industry.

Units box: 6 **Min. order: 1 pair**
SIZES: 35 to 47



Ref. **1388CVCNE Summer socks.**

70% Coolmax® polyester / 27% polyamide / 3% elastane

Trekking work socks for extreme and prolonged activities. The outer structure of the sock is reinforced with polyamide that provides resistance and a percentage of Lycra that provides elasticity. In addition, the points of greatest friction of the garment incorporate extra polyamide reinforcement.

Units box: 145 **Min. order: 1 pair**
SIZES: 39-42 to 43-46

Ref. **1388CTCNE Summer ankle sock.**

70% Coolmax® polyester / 27% polyamide / 3% elastane

Trekking work socks for extreme and prolonged activities. The outer structure of the sock is reinforced with polyamide that provides resistance and a percentage of Lycra that provides elasticity. In addition, the points of greatest friction of the garment incorporate extra polyamide reinforcement.

SIZES: 39-42 to 43-46



Thermolite®

Ref. **1388CITNE Winter socks.**

70% Thermolite® polyester / 27% polyamide / 3% elastane

Trekking work socks for extreme and prolonged activities. The outer structure of the sock is reinforced with polyamide that provides resistance and a percentage of Lycra that provides elasticity. In addition, the points of greatest friction of the garment incorporate extra polyamide reinforcement.

Units box: 145 **Min. order: 1 pair**
SIZES: 39-42 to 43-46



Ref. **1388CBAM Round boot lace.**





TYPES OF WORK GLOVES

1. SYNTHETIC GLOVES.

By design:

- With support, using materials such as cotton, nylon, etc. Before covering them with synthetic material (generally latex, Nitrile and polyurethane).
- Without support, directly inserting the glove mould into the synthetic material (Nitrile, latex, neoprene...).

By materials used:

- Latex, Nitrile, PVC gloves...

2. LEATHER GLOVES.

By design:

- American type gloves, driver type, welder type...

By materials used:

- Grain Leather: Using the outside of the leather (greater comfort and dexterity).
- Split leather: Using the inside part of the leather (greater resistance to abrasion).

DEFINITIONS

- **Hand:** Part of the body from the tip of the middle finger to the wrist.
- **Gloves:** PPE intended to protect the hand or part of it against risks.
- **Risk:** Undesirable situation that can cause damage to the worker's health.
- **Glove palm:** The part of the glove that covers the palm of the hand.
- **Back of the glove:** The part of the glove that covers the back of the hand.
- **Dexterity:** It measures our manipulation ability to do a job. It is related to the thickness, elasticity and deformability of the glove.
- **Level of provision:** It is the number that indicates the value obtained in the corresponding test according to the specific standard.

THE MATERIALS

- **Natural fibres such as cotton**, for general applications, offer comfort, breathability and abrasion resistance.
- **Synthetic materials such as nylon** (abrasion and tearing), PVC (abrasion and chemicals such as greases, oils and alcohols), Neoprene (temperature and chemicals).
- **Leather (grain and split leather)**, comfortable and breathable material with good mechanical properties (especially abrasion and tearing).
- **Coatings:**
 - Latex.** Comfort, elasticity and dexterity. Resistance to aqueous chemicals. Excellent grip and good abrasion resistance.
 - Polyurethane.** Elasticity, resistance to abrasion and tension. Resistance to alcohols, hydrocarbons, and solvents. Very good grip, good abrasion resistance and breathability
 - Nitrile.** Synthetic rubber resistant to oils, lubricants and petroleum products. Good mechanical and perforation resistance. Very chemically resistant



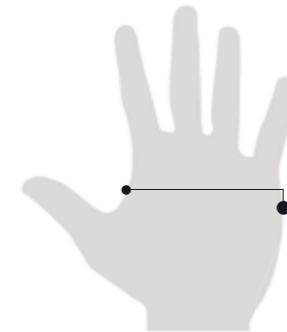
GLOVE MARKINGS

1	Product manufacturer
2	Product reference
3	Size
4	Compliance marking
5	Consult information
6	Chemical risks standard
7	Microorganism risk standard
8	Mechanical resistance levels
9	Suitable for food industry

GLOVE CHOICE

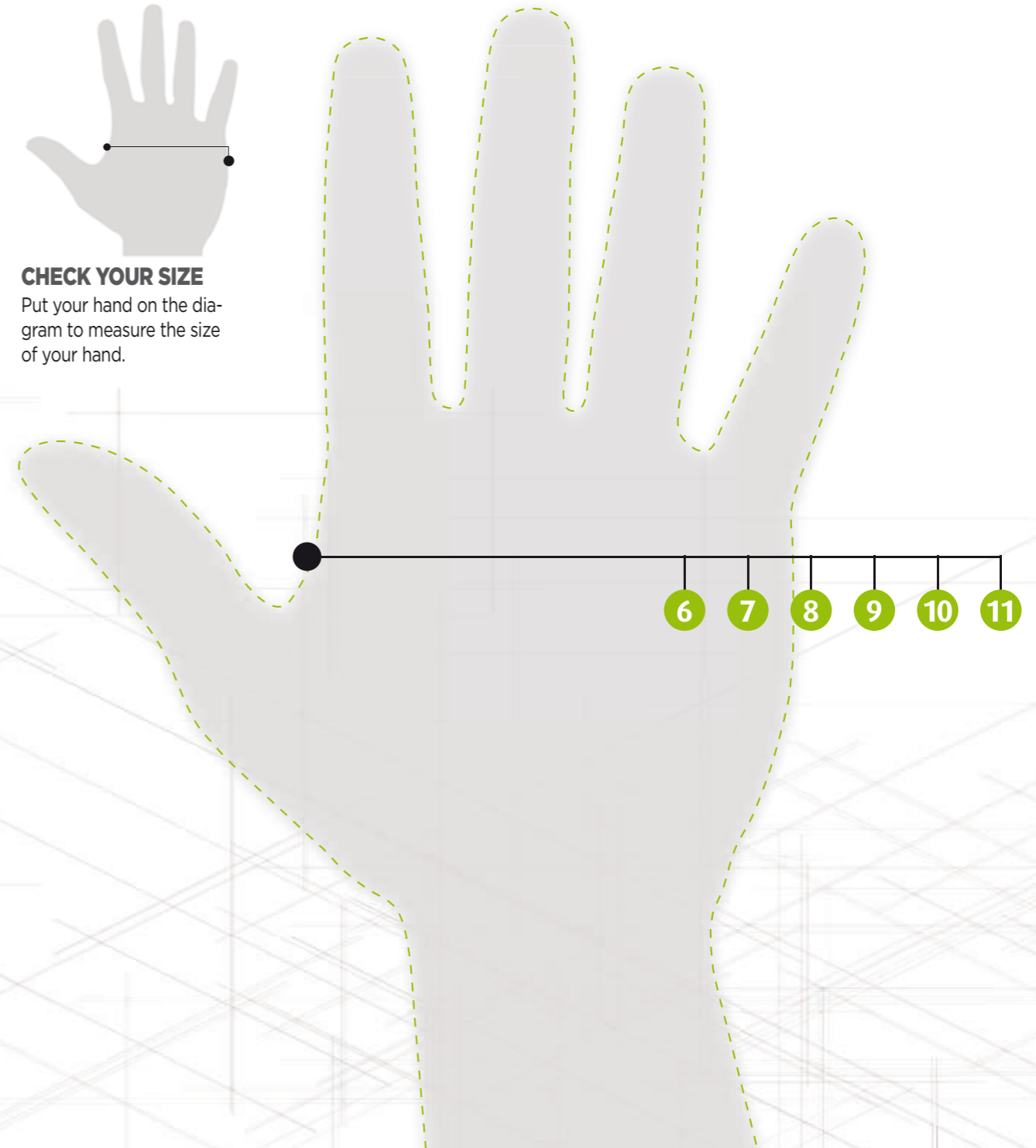
1. Identify the glove we need, analysing in the workplace the task to be performed (size of the pieces, their weight, precision work...) and the main risk to be covered according to its importance (electrical risk, chemical risk, thermal risk, mechanical risk...) choosing the level of provision appropriate to each risk. Other factors to take into account are the environment (indoor/outdoor, humidity...etc).

2. Identify the size of the user: Check your size.



CHECK YOUR SIZE

Put your hand on the diagram to measure the size of your hand.



Work gloves, like the rest of Personal Protective Equipment, are classified into 3 categories

Category 1

Gloves that, due to their simple design, allow the user to judge for themselves their effectiveness against minimal risks and whose effects, when adjustable, can be perceived in time and without danger to the user: superficial mechanical attacks, maintenance products with easily reversible effects, shocks and vibrations that do not affect vital parts...

These gloves must exceed EN ISO 21420, a harmonised standard that regulates the minimum requirements to be met by work gloves: quality, PH, chromium content, size, safety,...

The marking that gloves under category 1 must have is:

- Identification of the manufacturer or representative (logo, tax ID...)
- Reference or model.
- Size.
- CE marking.

Category 2

Gloves intended to avoid risks of all types that could not cause very serious injuries or death (intermediate risks).

These gloves must exceed, in addition to EN ISO 21420, the harmonised standard that regulates the risk for which this glove is recommended.

The marking that gloves under category 2 must have is:

- Identification of the manufacturer or representative.
- Pictogram of the risk for which it is recommended.
- Resistance levels.
- Model or reference.
- Size.
- Pictogram related to the information brochure.
- CE marking.

Compliance with the standard must be made by a laboratory notified by the EU, issuing an EU type certificate.

Category 3

Gloves intended to protect the user from a mortal danger or danger that could seriously and irreversibly damage health, without its immediate effect being discovered in time.

These gloves must exceed, in addition to EN ISO 21420, the harmonised standard that regulates the risk for which this glove is recommended.

The marking that gloves under category 3 must have is:

- Identification of the manufacturer or representative.
- Pictogram of the risk for which it is recommended.
- Resistance levels.
- Model or reference.
- Size.
- Pictogram related to the information brochure.
- CE marking plus the identification number of the notified control body responsible for CE quality control in the production phase.

They must be certified by a notified body and the manufacturer must adopt one of the CE quality assurance systems regulated for their marketing according to Regulation (EU) 2016/425.



EN 388

Specifies the values of
MECHANICAL RISK

BEFORE
4 values
abcd



NOW
6 values
abcdef

a / Abrasion (1 to 4).

b/ Cutting by blade (1 to 5). Optional if value "e" is shown.

c/ Tear (1 to 4).

d/ Perforation (1 to 4).

e/ Cut (new test, EN ISO 13997, in Newtons). (A to F). Optional test, and mandatory in case there is wear in the blade cut (b).

f/ Impact (P in case it is tested and passed).



EN 374

Specifies the requirements of:






EN 374-1 CHEMICAL RISK

Type A	Type B	Type C
MINIMUM CHEMICAL RESISTANCE		
6 Pollutants	3 Pollutants	1 Pollutant

*Each pollutant is assigned a letter and are shown under glove type.

EN 374-5 RISK OF MICROORGANISMS (Bacteria and fungi)













If the virus test is passed, "virus" will be written below the logo.

Pictogram	Standard	Description
	EN 407	Thermal Risk (temperature between 50°C and 100°C). Flammability, Contact heat, Convective heat, Radiant heat, Small splashes of molten metals, Large masses of molten metals
	EN 511	Risks due to cold (up to -50°C). Convective cold, contact cold, Impermeability to water.
	EN 12477	Risks due to welding. They are classified into two types. Type A and Type B. They must be tested for standards EN388 (mechanical risks) and EN407 (thermal risks) and pass minimum levels for each of the standards. These levels and the dexterity will give us the type of glove. In general, it is recommended to use Type B gloves in jobs where a high level of cleanliness is necessary (for example: TIG welding).
	EN 1082-1	Risks from cuts and punctures caused by hand knives
	EN 60903	Electrical risk. They are classified into 6 classes according to their maximum usage voltage.

Ref.	GENERAL HANDLING	MECHANICAL PROTECTION	ANTI-CUT PROTECTION	CHEMICAL PROTECTION	FOOD INDUSTRY	PAGE No.
 688PVC27QR						120
 688PVC35QR						120
 688LDANA						118
 688LDNNN						118
 688LBNSIN						121
 688NDNV						122
 688NDLV						122
 688NEONNE						121
 688NEOLNE						121
 688CUTPROG						113
 688CUTG						113
 688AASIN						113
 688LDY						118

Ref.	GENERAL HANDLING	MECHANICAL PROTECTION	WELDING PROTECTION	HEAT PROTECTION	COLD PROTECTION	PAGE No.
 788MR						130
 788MAR						130
 788MRMA						131
 788MXG						131
 688NYLFRSIN						115/ 127
 788LFY						127
 688NYLNE						114
 688NYPUUA						114
 688NYNBG						115
 688NYNNNE						115
 688NYNCNE						116
 688NYPUNBL						116
 688NYPUGNG						116

Ref.	GENERAL HANDLING	MECHANICAL PROTECTION	ANTI-CUT PROTECTION	ANTI-PUNCTURE PROTECTION	FOOD INDUSTRY	PAGE No.
 688LCTOPY						117
 688EGRIPA						117
 688PVC27BA						120
 688NCA						123
 688NTEA						123
 688NCENA						123
 688NTFNY						124
 688NCFNY						124
 788PR						125
 788TA						125
 788NEBA						125
 688GMSIN						114
 788NEAMA						126

Ref.	GENERAL HANDLING	MECHANICAL PROTECTION	ELECTRICAL PROTECTION	HEAT PROTECTION	FOOD INDUSTRY	PAGE No.
 788RWV						126
 788REV						126
 788LAJ						126
 788LGS						128
 788LIBL						128
 788LGJBL						128
 688NUTA						129
 688GBL						129
 688PGG						112
 688PFBL						112
 688LUTBL						129
 688DI						119

	Risk	Latex	Neoprene	Nitrile	PVC Vinyl
Ammonium acetate	B	Green	Green	Green	Green
Ammonium acetate	A	Red	Orange	Orange	Orange
Amyl acetate	C	Red	Orange	Orange	Orange
Calcium acetate	-	Green	Green	Green	Green
Ethyl acetate	C	Red	Orange	Orange	Orange
Potassium acetate	B	Green	Green	Green	Green
Acetone	C	Green	Yellow	Red	Red
Glacial acetic acid	B	Green	Green	Yellow	Orange
Acetic acid anhydride 50%	A	Green	Green	Green	Green
Concentrated boric acid	B	Green	Green	Green	Green
Hydrobromic acid	B	Green	Orange	Orange	Orange
Hydrochloric acid at 30% and 5%	B	Green	Green	Green	Yellow
Chromic acid	B	Red	Red	Orange	Yellow
Citric acid	A	Green	Green	Green	Green
Hydrofluoric acid at 30%	B	Yellow	Green	Green	Yellow
Formic acid at 90%	B	Red	Yellow	Orange	Orange
Lactic acid at 85%	A	Orange	Green	Green	Green
Nitric acid at 20%	B	Yellow	Yellow	Orange	Orange
Oleic acid	A	Orange	Green	Green	Orange
Oxalic acid	A	Green	Green	Green	Green
Phenol	D	Orange	Yellow	Yellow	Yellow
Phosphoric acid	B	Green	Green	Green	Green
Stearic acid	A	Yellow	Green	Yellow	Yellow
Concentrated sulphuric acid	B	Red	Orange	Red	Yellow
Diluted sulphuric acid	B	Green	Green	Green	Green
Tartric acid	A	Green	Green	Green	Green
Amyl acid	C	Green	Green	Green	Green
Benzyl alcohol	E	Orange	Yellow	Yellow	Yellow
Butyl alcohol (or n-butanol)	D	Green	Green	Green	Green
Ethyl alcohol (or ethanol)	D	Green	Green	Green	Green
Isobutyl alcohol (or isobutanol)	A	Green	Green	Green	Green
Methyl alcohol (or methanol)	C	Green	Green	Green	Green
Acetic aldehyde (or acetaldehyde)	F	Green	Green	Orange	Red
Benzoic aldehyde	E	Red	Red	Orange	Red
Formic aldehyde at 30%	C	Green	Green	Green	Green
Concentrated ammonia	B	Green	Green	Green	Green
Aniline	E	Yellow	Yellow	Orange	Red
Asphalt	E	Red	Orange	Green	Red
Benzene	E	Red	Red	Orange	Red
Potassium bicarbonate	A	Green	Green	Green	Green
Sodium bicarbonate	A	Green	Green	Green	Green
Sodium bisulphite	A	Green	Green	Green	Green

	Risk	Latex	Neoprene	Nitrile	PVC Vinyl
Borax	A	Green	Green	Green	Green
Bromides	C	Green	Green	Green	Red
Ammonium carbonate	B	Green	Green	Green	Green
Sodium carbonate	-	Green	Green	Green	Green
Potassium carbonate	B	Green	Green	Green	Green
Quicklime	B	Green	Green	Green	Green
Slaked lime	A	Green	Green	Green	Green
Chlorine	B	Red	Green	Green	Green
Chloracetone	C	Green	Green	Red	Red
Chloroform	F	Red	Orange	Yellow	Red
Ammonium chloride	B	Green	Green	Green	Green
Calcium chloride	-	Green	Green	Green	Green
Tin chloride	E	Orange	Green	Green	Green
Methylene chloride	C	Red	Orange	Orange	Red
Nickel chloride	A	Green	Green	Green	Green
Potassium chloride	B	Green	Green	Green	Green
Sodium chloride	B	Green	Green	Green	Green
Creosote	D	Orange	Green	Green	Green
Cresol	D	Red	Green	Green	Green
Potassium cyanide	D	Green	Green	Green	Green
Cyclohexane	C	Red	Orange	Yellow	Red
Cyclohexanol	A	Green	Green	Green	Green
Cyclohexanone	C	Orange	Orange	Red	Red
Herbicide	A	Green	Green	Green	Green
Household detergents	A	Yellow	Green	Yellow	Yellow
Diacetone alcohol	C	Green	Green	Red	Orange
Dibutylether	E	Red	Orange	Green	Red
Dibutylphthalate	E	Yellow	Orange	Green	Red
Dichloromethane	F	Red	Red	Orange	Red
Propylene dichloride	F	Red	Red	Orange	Red
Diethanolamine	E	Green	Green	Green	Green
Diethylphthalate	E	Yellow	Green	Green	Red
Bleach	B	Green	Green	Green	Green
Hydrogen peroxide	D	Orange	Green	Green	Red
Agua regia	F	Red	Yellow	Orange	Orange
Fertiliser	C	Green	Green	Green	Green
Turpentine essence	E	Red	Orange	Green	Orange
Car petrol	E	Red	Yellow	Green	Orange
Light oil	E	Red	Yellow	Green	Red
Sulphuric ether (pharmacy)	A	Orange	Green	Green	Orange
Ethylamine	A	Orange	Orange	Green	Orange
Ethylaniline	E	Orange	Green	Green	Orange

	Risk	Latex	Neoprene	Nitrile	PVC Vinyl
Ethylene glycol	F	Green	Green	Green	Green
Fixers	E	Green	Green	Green	Green
Hydraulic fluids (ethers)	C	Green	Green	Green	Orange
Calcium fluophosphate	B	Green	Green	Green	Green
Fuorides	B	Green	Green	Green	Green
Formol (or formaldehyde)	-	Green	Green	Green	Green
Combustibles	F	Red	Orange	Green	Orange
Fural (furfural or furaldehyde)	E	Green	Yellow	Red	Red
Diesel oil	F	Red	Orange	Green	Orange
Glycerin	-	Green	Green	Green	Green
Glycol	F	Green	Green	Green	Green
Animal fats	-	Orange	Green	Green	Red
Mineral fats	F	Red	Orange	Green	Orange
Hexane	F	Red	Orange	Green	Orange
Cutting oil	F	Red	Green	Green	Orange
Brake oil (lockhead)	F	Orange	Green	Green	Orange
Lubricating oils	F	Red	Orange	Green	Orange
Hydraulic oils (petroleum)	F	Red	Orange	Green	Orange
Bacon oil	-	Red	Green	Green	Orange
Paraffin oil	-	Red	Orange	Green	Orange
Pine oil	-	Red	Orange	Green	Orange
Castor oil	-	Red	Green	Green	Red
Soy oil	-	Red	Green	Green	Orange
Calcium hydroxide	B	Green	Green	Green	Green
Calcium hypochlorite	B	Green	Green	Green	Green
Sodium hypochlorite	B	Green	Green	Green	Green
Isobutyl ketone	F	Green	Green	Red	Red
Kerosene	F	Red	Orange	Green	Orange
Milk and dairy products	-	Orange	Green	Green	Red
Powdered detergents	B	Green	Green	Green	Green
Magnesium	-	Green	Green	Green	Green
Fuel oil	F	Red	Orange	Green	Orange
Methylacetate	E	Orange	Green	Green	Orange
Methylamine	E	Green	Yellow	Green	Green
Methylaniline	E	Orange	Orange	Green	Orange
Methylcyclopentane	F	Red	Orange	Green	Orange
Methyl Ethyl Ketone	F	Green	Yellow	Red	Red
Methylformate	F	Orange	Green	Orange	Orange
Methylisobutiquetone	F	Yellow	Orange	Red	Red
Monochlorobenzene	F	Red	Orange	Orange	Red
Naptha	F	Red	Orange	Green	Orange
Napthalene	F	Red	Orange	Yellow	Orange

	Risk	Latex	Neoprene	Nitrile	PVC Vinyl
N-butylamine	F	Green	Green	Green	Green
Ammonium nitrate	B	Green	Green	Green	Green
Calcium nitrate	B	Green	Green	Green	Green
Potassium nitrate	B	Green	Green	Green	Green
Sodium nitrate	B	Green	Green	Green	Green
Nitrobenzene	B	Red	Orange	Orange	Red
Nitropropane	B	Green	Yellow	Orange	Red
Perfumes and essence	B	Green	Green	Green	Green
Glycerophthalic paint	C	Red	Orange	Green	Orange
Water paint	A	Green	Green	Green	Green
Perchlorethylene	F	Red	Orange	Yellow	Red
Potassium permanganate	D	Green	Green	Green	Green
Calcium phosphates	C	Green	Green	Green	Green
Potassium phosphates	D	Green	Green	Green	Green
Sodium phosphates	B	Green	Green	Green	Green
Potash flakes	B	Green	Green	Yellow	Green
Potash in concentrated lye	B	Green	Green	Yellow	Green
Petroleum products	F	Red	Orange	Yellow	Orange
Polyester resins	F	Red	Orange	Yellow	Orange
Silicates	B	Green	Green	Green	Green
Soda flakes	B	Green	Green	Orange	Orange
Soda in concentrated lye	B	Green	Green	Orange	Orange
Styrene	A	Red	Orange	Orange	Orange
Potassium sulphate	B	Green	Green	Green	Green
Sodium sulphate	B	Green	Green	Green	Green
Zinc sulphate	D	Green	Green	Green	Green
Sulphites, bisulphites, hyposulphites	B	Green	Green	Green	Green
Carbon tetrachloride	B	Red	Orange	Yellow	Orange
THF = tetrahydrofuran	B	Yellow	Orange	Red	Red
Toluene	A	Orange	Orange	Yellow	Orange
Tributylphosphate	D	Orange	Yellow	Yellow	Orange
Trichlorethylene	F	Red	Orange	Orange	Red
Trinitrobenzene	E	Red	Orange	Yellow	Orange
Trinitrotoluene	E	Red	Orange	Yellow	Orange
Triphenylphosphate	E	Orange	Green	Green	Orange
Vinegar and seasonings	B	Green	Green	Green	Yellow
White spirit	F	Red	Yellow	Green	Orange
Xylene	F	Red	Orange	Yellow	Red
Xylofen	F	Red	Orange	Green	Orange

Green	Very good
Yellow	Good
Orange	Average
Red	Not recommended

Note:

This list is a merely indicative table on how the glove material behaves against certain chemical elements. The appropriate glove must be used for the specific chemical risk and taking into account the specific conditions of the work (pollutant, concentration, exposure time...etc).

Risk indicator	
-	Non-toxic but sometimes harmful with contact
A	May cause burns
B	Danger of burns
C	Toxic
D	Very toxic
E	Very toxic with side effects
F	Very toxic with irreversible and fatal risks



Ref. **688GBL**
100% cotton canvas glove, with PVC dots on palm and fingers.

- Very tight and cylinder fabric, with elastic cuff closure.
- Very comfortable, breathable and absorbs sweat very well.
- Elastic cuff, which keeps the inside of the glove dry and prevents dirt from entering.
- The PVC points allow not only greater adhesion, but also prolong the useful life of the glove, since they offer great resistance to abrasion.

USES

General Handling. Special gloves for jobs that require great adhesion, such as bottling, packing and packaging, installation and assemblies, demoulding of plastic parts, metals. Also for agricultural activities, collection of fruits and gardening in general.

Units box: 300 Min. order: 12 pairs

SIZE: 9

EN ISO 21420

Ref. **688PGG**
Grey/white cotton/polyester knit fisherman gloves with elastic cuff.

- Seamless blended cotton knit glove made with cotton (35%) and polyester (65%).
- Very comfortable, warm and with great dexterity.
- The polyester fibre provides good mechanical resistance (especially tearing) and greater chemical and humidity resistance.
- Cotton gives it a more pleasant touch and allows for better breathability and sweat absorption.
- It can be used as a glove or as a glove cover.
- Closure with elastic cuff, which makes it difficult for dirt and water to pass into the interior of the glove.

USES

General Handling. Special glove for work related to construction, fishing, mining, agricultural activities, assembly.

Units box: 300 Min. order: 12 pairs

SIZE: 9

EN ISO 21420

Ref. **688PFBL**
Ecru cotton knit glove with elastic cuff.

- 100% cotton gloves with elastic cuff.
- Very comfortable, warm and with great dexterity.
- Being 100% cotton, it is very comfortable, breathable and absorbs sweat very well.
- Elastic cuff, which keeps the inside of the glove dry and prevents dirt from entering.
- To be used as a layer under other gloves that are colder to the touch (PVC, rubber, dielectric gloves).

USES

General Handling. Special gloves for jobs that require greater sensitivity (automobile, cleaning, photography, small parts).

Units box: 300 Min. order: 12 pairs

SIZE: 9

EN ISO 21420



Ref. **688CUTPROG**
HPPE fibre glove, PU coating, with maximum Anti-cut level (F).

- HPPE (High Performance Polyethylene) support, with Gold-silk™ technology: Maximum anti-cut level (F) according to new test, EN ISO 13997, in Newtons of the new mechanical risk standard EN388:16.
- Maximum tear level (level 4). Maximum Dexterity.
- Very light, soft and flexible, offering a superior touch and reducing user fatigue.
- Exceptional comfort.
- Heat dissipation that offers additional coolness to the hands, while keeping the gloves dry.
- Reusable: Washable and long-lasting, without losing performance.
- PU (Polyurethane) coating, which provides excellent grip, abrasion resistance and breathability.

USES

General Handling. Mechanical and anti-cut protection. Glove specially designed for precision work where maximum anti-cut protection is required. Work with metals, glassware, workshops, sheet metal...

Units box: 120 Min. order: 12 pairs

SIZES: 7, 8, 9 and 10

EN ISO 21420

EN 388
4 X 4 3 F

Ref. **688CUTG**
Anti-cut fibre gloves, PU coating, with high Anti-cut level (D).

- High anti-cut level (D) according to new test, EN ISO 13997, in Newtons of the new EN388:16 mechanical risk standard.
- Maximum level of abrasion and tearing (level 4).
- PU (Polyurethane) coating, which provides excellent grip, abrasion resistance and breathability.

USES

General Handling. Mechanical and anti-cut protection. Gloves specially designed for precision work where high anti-cut protection is required. Work with metals, glassware, workshops, sheet metal...

Units box: 120 Min. order: 12 pairs

SIZES: 7, 8, 9, 10 and 11

EN ISO 21420

EN 388
4 4 4 3 D

Ref. **688AASIN**
Anti-cut gloves level 5 blue colour for food industry. Stahlnetz cutguard bluetouch.

- Glove manufactured in the CE (Germany) by highly qualified workers.
- Approved for food use.
- Much lighter and with much greater dexterity than other similar gloves.
- Longer cuff for greater protection of the forearm.
- Maximum anti-cut level possible (level 5).
- Blue colour for better identification in the food industry.
- Washable at high temperature.
- Dyneema® fibre (high-performance synthetic fibre, very light and with excellent cutting and tear behaviour).
- Ambidextrous Unit price (1/2 pair)

USES

Work related to the food industry where maximum cut protection is required.

Units box: 1 Min. order: 1/2 pair

SIZES: 7, 8, 9 and 10

EN ISO 21420

EN 388
3 X 4 X F

Valid for food industry



Ref. **688GMSIN**
Stainless steel metal mesh gloves. Manulutex GCM

- Stainless steel thread. food 0.5mm Ø.
- Hygienic strap, removable polyurethane.
- Approved for food use.
- Removable strap closure with adjustable buckle and press stud.
- Visual size marking (strap colour).
- Traceability plate.
- Easy placement, ease of hand change, and emergency removal.
- Ambidextrous Unit price (1/2 pair)

USES

Protection against cuts and blows caused by knives or other manual cutting tools. Work in the meat industry and slaughterhouse, catering, plastic, leather, textile or paper industry (cutting operations/handling sharp pieces), construction (coating operations, tiling...).

Units box: 1 Min. order: 1/2 pair

SIZES: XXS, XS, S, M, L, XL and XXL

EN ISO 21420



Valid for food industry

EN 14328



ISO 13999-1



EN1082-1



Size	Colour	Corresponding size
XXS	Orange	5-5 ^{1/2}
XS	Green	6-6 ^{1/2}
S	White	7-7 ^{1/2}
M	Red	8-8 ^{1/2}
L	Blue	9-9 ^{1/2}
XL	Yellow	10
XXL	Purple	11



Ref. **688NYLNE**
Black nylon gloves with black latex coating.

- Latex is a natural substance that provides a high level of comfort due to its high flexibility, while providing excellent grip and resistance to abrasion.
- Excellent non-slip grip that provides excellent grip in wet and abrasive conditions and excellent tear resistance.
- High breathability of nylon fabric.
- Dark colour for staining jobs.

USES

General Handling. Mechanical Risks. Special gloves for general handling work, handling of slippery and abrasive objects.

Units box: 120 Min. order: 12 pairs

SIZES: 7, 8, 9 and 10

EN ISO 21420



Ref. **688NYPUUA**
Ultra-fine nylon gloves (18 gauge) black polyurethane coating.

- Polyurethane provides the gloves with excellent abrasion resistance and breathability.
- Maximum level of dexterity (level 5).
- The gloves offer minimal obstacles to performing gestures or tactility.
- Its ultra-fine nylon base (18 gauge) and its light polyurethane coating provide unsurpassed comfort, breathability and tactile sensitivity.

USES

General Handling. Mechanical risks. Gloves for mechanical risks that require touch, reliability, comfort and precision, such as small part assemblies, high technology, electronics, clean rooms, packaging, tool use, automotive, plumbing, storage.

Units box: 120 Min. order: 12 pairs

SIZES: 7, 8, 9 and 10

EN ISO 21420



Ref. **688NYLFRSIN**
Black polyester gloves with black latex coating.

- Latex is a natural substance that provides a high level of comfort due to its high flexibility, while providing excellent grip and resistance to abrasion.
- Excellent non-slip grip that provides good grip in wet and abrasive conditions and great tear resistance
- High breathability of polyester fabric.

USES

General Handling. Mechanical Risks and Cold. Special gloves for work where it is necessary to combine protection against mechanical risks and protection against cold (due to climatic conditions or industrial activity) and high adhesion. Outdoor construction work, outdoor maintenance work (roads, railways, aeronautics) and general handling in cold environments or with cold/wet loads that require high adhesion.

Units box: 120 Min. order: 12 pairs

SIZES: 7, 8, 9 and 10

EN ISO 21420



EN 511 X2X

EN 388 2243X



Ref. **688NYNBNB**
White polyester gloves with grey Nitrile coating.

- Nitrile is a flexible material that provides the gloves with high resistance to oils, greases and hydrocarbons.
- Maximum level of dexterity (level 5).
- The gloves offer minimal obstacles to performing gestures or tactility.
- Maximum anti-abrasion level. High durability of the glove's useful life.

USES

General Handling. Mechanical Risks. Special gloves for handling, assembly, spare parts, construction work in humid and greasy environments.

Units box: 120 Min. order: 12 pairs

SIZES: 7, 8, 9 and 10

EN ISO 21420



Ref. **688NYNNNE**
Black polyester gloves with black Nitrile coating.

- Nitrile is a flexible material that provides the gloves with high resistance to oils, greases and hydrocarbons.
- Maximum level of dexterity (level 5).
- The gloves offer minimal obstacles to performing gestures or tactility.
- Black colour for staining jobs.

USES

General Handling. Mechanical Risks. Special gloves for handling, assembly, spare parts, construction work, in humid and greasy environments and with a high level of dirt.

Units box: 120 Min. order: 12 pairs

SIZES: 7, 8, 9 and 10

EN ISO 21420





Ref. **688NYNCNE**

Black polyester gloves with black Nitrile coating on the palms, fingers and backs.

- Nitrile is a flexible material that provides the gloves with high resistance to oils, greases and hydrocarbons.
- Maximum level of dexterity (level 5).
- The gloves offer minimal obstacles to performing gestures or tactility.
- Black colour for staining jobs.

USES

General Handling. Mechanical Risks. Special gloves for handling, assembly, spare parts, construction work, in humid and greasy environments and with a high level of dirt. Having impregnated fingers allows greater exposure and impermeability of the hand.

Units box: 120 Min. order: 12 pairs

SIZES: 7, 8, 9 and 10



Ref. **688NYPUNBL**

Seamless polyester gloves. Palms and fingers covered in polyurethane.

- Polyurethane provides the gloves with excellent abrasion resistance and breathability.
- Maximum level of dexterity (level 5).
- The gloves offer minimal obstacles to performing gestures or tactility.
- High durability of the glove's useful life.

USES

General Handling. Mechanical Risks. Special gloves for precision work. High technology, electronics, clean rooms, assembly of small parts, packaging.

Units box: 120 Min. order: 12 pairs

SIZES: 7, 8, 9 and 10



Ref. **688NYPUGNG**

Grey polyester gloves with grey polyurethane coating.

- Polyurethane provides the gloves with excellent abrasion resistance and breathability.
- Maximum level of dexterity (level 5).
- The gloves offer minimal obstacles to performing gestures or tactility.
- Maximum anti-abrasion level. High durability of the glove's useful life.

USES

General Handling. Mechanical Risks. Special gloves for precision work where maximum tact and dexterity are required (assemblies, assemblies, packaging, sorting), in grey colour for jobs that stain, extending the useful life of the gloves.

Units box: 120 Min. order: 12 pairs

SIZES: 7, 8, 9 and 10



Ref. **688LCTOPY**

Covered back. 1st latex gloves with cotton knit backing, elastic cuff and inner lining.

- Great adhesion: 1st latex coating in a crepe finish that provides a high anti-slip coefficient and is specially-suited for handling wet and abrasive objects.
- High breathability of cotton fabric.
- Perfect adjustment. Excellent relationship between mechanical resistance and dexterity.

USES

General Handling. Mechanical Risks. Specially indicated gloves for construction work, handling, waste, metal-related work, wood, industrial work, glass, DIY, public work and in general activities with elements that are not highly sharp.

Units box: 120 Min. order: 12 pairs

SIZE: 9



Ref. **688EGRIPA**

Economical latex gloves with polyester/cotton knit backing and elastic cuffs.

- Latex is a natural substance that provides a high level of comfort due to its high flexibility, while providing excellent grip and resistance to abrasion.
- High breathability of the polyester/cotton fabric.

USES

General Handling. Mechanical Risks. Gloves especially suitable for construction work, waste, DIY and gardening.

Units box: 120 Min. order: 12 pairs

SIZES: 7, 8, 9 and 10





Ref. **688LDY**

Yellow latex domestic glove for superficial mechanical, chemical and microorganism risks.

- Latex is a natural substance that provides a high level of comfort due to its high flexibility, while providing excellent grip and resistance to abrasion.
- Rough grip (dots) on palm and nails for greater grip on objects.
- Thickness: 0.38 mm. Length: 30 cm.

USES

General Handling and Mechanical Protection. Cotton flocked interior and recommended for housework, cleaning.

Units box: 144 Min. order: 12 pairs

SIZES: 7, 8 and 9

EN ISO 21420



EN ISO 374-1
TYPE A (KLMPS)

EN 388
10 10 X

EN ISO 374-5
BACTERIA-FUNGI



Ref. **688LDANA**

Domestic latex glove in blue colour for mechanical, chemical and microorganism risks.

- Latex is a natural substance that provides a high level of comfort due to its high flexibility, while providing excellent grip and resistance to abrasion.
- Blue colour especially suitable for the agri-food industry.
- Excellent non-slip diamond grip that provides excellent grip in wet and abrasive conditions.
- Thickness: 0.45 mm. Length: 30 cm.

USES

Mechanical Protection and Chemical Protection. Satin interior and recommended for the agri-food industry, food handling and manufacturing related to meat, fish, fruits and dairy, domestic tasks (washing), cleaning, laboratories and general maintenance.

Units box: 100 Min. order: 10 pairs

SIZES: 7, 8 and 9

EN ISO 21420



EN ISO 374-1
TYPE A (KLMPS)

EN 388
10 10 X

EN ISO 374-5
BACTERIA-FUNGI

EN 421
NO IONISING RADIATION



Ref. **688LDNNN**

Industrial type orange latex glove for mechanical, chemical and microorganism risks.

- Latex is a natural substance that provides a high level of comfort due to its high flexibility, while providing excellent grip and resistance to abrasion.
- Rough grip (dots) on palm and nails for greater grip on objects.
- Thickness: 1 mm. Length: 30 cm.

USES

Mechanical and Chemical Protection. Flocked cotton interior and recommended for handling fruits and vegetables, industrial cleaning work, chemical industry.

Units box: 100 Min. order: 10 pairs

SIZES: 7, 8, 9 and 10

EN ISO 21420



EN ISO 374-1
TYPE A (ABKLMNOPST)

EN 388
3 12 1 X

EN ISO 374-5
BACTERIA-FUNGI



Ref. **688DI**



Unsupported natural latex gloves for electrical work. Supersafe GP.

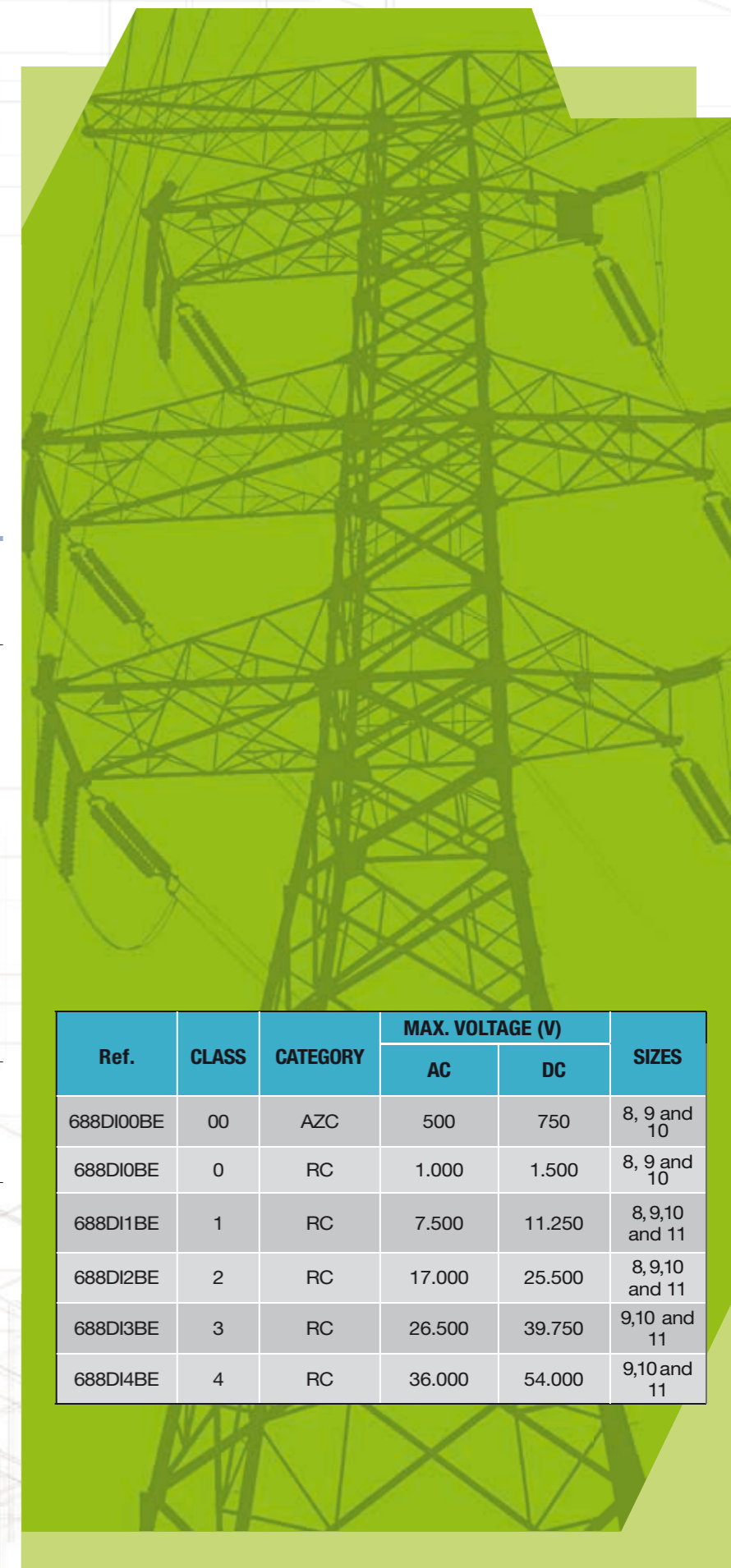
- Their ergonomic shape and lightly powdered interior make the gloves easy to put on and take off.
- The natural latex base provides high dielectric properties.
- The thickness ensures good touch, offering protection up to 36,000V (class 4).
- Resistant to acids, oil, ozone and very low temperatures.
- Certified under ISO9001:2000, they are subject to very rigorous tests:
 - # Visual and dimensional controls.
 - # Dielectric tests in test booths.
 - # Additional tests (mechanical and dielectric)

USES

Electrical Risks. Special gloves for work with electrical risk (energy, maintenance, telecommunications).

EN ISO 21420

EN 60903



Ref.	CLASS	CATEGORY	MAX. VOLTAGE (V)		SIZES
			AC	DC	
688DI00BE	00	AZC	500	750	8, 9 and 10
688DI0BE	0	RC	1.000	1.500	8, 9 and 10
688DI1BE	1	RC	7.500	11.250	8, 9, 10 and 11
688DI2BE	2	RC	17.000	25.500	8, 9, 10 and 11
688DI3BE	3	RC	26.500	39.750	9, 10 and 11
688DI4BE	4	RC	36.000	54.000	9, 10 and 11

waterproof pvc



Ref. **688PVC27BA**
27 cm waterproof PVC glove in blue with double rough layer.

- PVC provides impermeability and good resistance to chemicals, greases and hydrocarbons.
- Very light, flexible, with high sterility and resistance to abrasion.
- Rough double layer finish that provides excellent grip in both dry and wet conditions.
- Length: 27 cm.

USES

General Handling. Waterproof PVC gloves for use in greasy and aqueous media. Flocked cotton interior and recommended for the chemical and petrochemical industry, gas stations, tankers, degreasing, solvents, oils, paints and varnishes, solvents and detergents, hydrocarbons, construction, cleaning (not certified for chemical risk).

Units box: 120 Min. order: 12 pairs

SIZE: 9



Ref. **688PVC27QR**
27 cm waterproof PVC gloves in red for mechanical, chemical and microorganism risks.

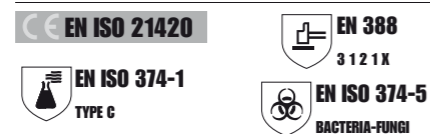
- PVC provides impermeability and good resistance to chemicals, greases and hydrocarbons.
- Good flexibility, high sterility and abrasion resistance.
- Grained finish that provides excellent grip in both dry and wet conditions.
- Length: 27 cm.

USES

Mechanical and Chemical Protection. Waterproof PVC gloves for multi-use chemical protection in mediums that are greasy, chemical or watery. Vy cotton interior recommended for chemical and petrochemical industries, gas stations, tankers, degreasing, oils, paints and varnishes, solvents and detergents, hydrocarbons, constructions, cleaning.

Units box: 120 Min. order: 12 pairs

SIZE: 9



Ref. **688PVC35QR**
35 cm waterproof PVC gloves in red for mechanical, chemical and microorganism risks.

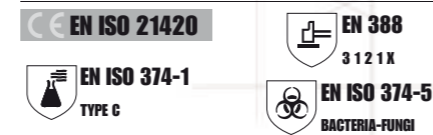
- PVC provides impermeability and good resistance to chemicals, greases and hydrocarbons.
- Good flexibility, high sterility and abrasion resistance.
- Grained finish that provides excellent grip in both dry and wet conditions.
- Length: 35 cm.

USES

Mechanical and Chemical Protection. Waterproof PVC gloves for multi-use chemical protection in mediums that are greasy, chemical or watery. Vy flocked cotton interior recommended for chemical and petrochemical industries, gas stations, tankers, degreasing, oils, paints and varnishes, solvents and detergents, hydrocarbons, cleaning.

Units box: 120 Min. order: 12 pairs

SIZE: 9



neoprene



Ref. **688NEONNE**
Black neoprene gloves for mechanical, chemical, microorganism and virus risks.

- High Chemical Protection.
- Neoprene provides chemical and mechanical resistance. Resistant to acids, solvents, industrial adhesives.
- Grip on palm and nails for greater hold on objects
- Thickness: 0.75 mm. Length: 30 cm.

USES

Mechanical and Chemical Protection. Gloves with great dexterity. Cotton flocked interior and recommended for the chemical and oil industry, fertilisers, maintenance, degreasing, transmission assembly, galvanising, industrial cleaning, metals.

Units box: 100 Min. order: 10 pairs

SIZES: 8, 9 and 10



Ref. **688NEOLNNE**
Long black neoprene gloves for mechanical, chemical, microorganism and virus risks.

- High Chemical Protection.
- Neoprene provides chemical and mechanical resistance. Resistant to acids, solvents, industrial adhesives.
- Grip on palm and nails for greater hold on objects.
- Longer cuff for greater protection of the forearm.
- Thickness: 0.78 mm. Length: 38 cm.

USES

Mechanical and Chemical Protection. Gloves with great dexterity. Cotton flocked interior and recommended for the chemical and oil industry, fertilisers, maintenance, degreasing, transmission assembly, galvanising, industrial cleaning, metals.

Units box: 36 Min. order: 6 pairs

SIZE: 9



Ref. **688LBNSIN**
Two-tone latex gloves with neoprene reinforcement for mechanical, chemical, micro-organisms and viruses risks.

- The combination of Neoprene and Latex allows its use with a wide range of chemicals due to its double immersion.
- Latex is a natural substance that provides a high level of comfort due to its high flexibility, while providing excellent grip and resistance to abrasion, and Neoprene provides chemical and mechanical resistance, since it is resistant to acids, solvents and bases.
- Rough grip (dots) on palm and nails for greater grip on objects.
- Thickness: 0.70 mm. Length: 30 cm.

USES

Mechanical and Chemical Protection. Gloves with great dexterity. Flocked interior in cotton and recommended for cleaning tasks, fishing industry, construction, degreasing treatments, chemical industry, automobile industry.

Units box: 100 Min. order: 10 pairs

SIZES: 7, 8, 9 and 10





Ref. **688NDNV**

Industrial type Nitrile gloves in green colour for mechanical, chemical and microorganism risks.

- Nitrile is a flexible substance that offers resistance to greases, oils and hydrocarbons. Diamond-type grip on the palms for greater hold on objects.
- Maximum anti-abrasion level. High durability of the glove's useful life.
- Thickness: 0.38 mm. Length: 33 cm.

USES

Mechanical and Chemical Protection. Flocked cotton interior and recommended for high chemical protection, degreasing, oils, paints and varnishes, solvents. Also for food handling.

Units box: 144 Min. order: 12 pairs

SIZES: 7, 8, 9 and 10

EN ISO 21420



EN ISO 374-1
TYPE A (AJKLMNPT)

EN 388
4 1 0 1 X

EN ISO 374-5
BACTERIA-FUNGI
VIRUS

ISO 18889
G2

Ref. **688NDLNV**

Industrial type Nitrile gloves in green colour for mechanical, chemical and microorganism risks.

- Nitrile is a flexible substance that offers resistance to greases, oils and hydrocarbons. Diamond-type grip on the palms for greater hold on objects.
- Maximum anti-abrasion level. High durability of the glove's useful life.
- Thickness: 0.42 mm. Length: 38 cm.

USES

Mechanical and Chemical Protection. Flocked cotton interior and recommended for high chemical protection, degreasing, oils, paints and varnishes, solvents. Also for food handling.

Units box: 36 Min. order: 6 pairs

SIZES: 7 and 9

EN ISO 21420



EN ISO 374-1
TYPE A (AJKLMNPT)

EN 388
4 1 0 1 X

EN ISO 374-5
BACTERIA-FUNGI
VIRUS

ISO 18889
G2



Ref. **688NCA**

Covered back. Flexible Nitrile gloves with cotton knit backing, rigid cuff and inner lining.

- Nitrile is a flexible substance that offers resistance to greases, oils and hydrocarbons.
- Thicker Nitrile coating and rigid sleeves provide greater chemical and mechanical resistance.
- High breathability of cotton fabric.
- Perfect adjustment. Excellent relationship between mechanical resistance and dexterity.

USES

General Handling. Mechanical risks. Gloves especially indicated for work handling objects in a greasy, humid or dirty environment such as construction, handling, waste, industrial work, DIY, public works. Maximum anti-abrasion level. High durability of the glove's useful life.

Units box: 120 Min. order: 12 pairs

SIZE: 9

EN ISO 21420

EN 388
4 1 1 1 X

Ref. **688NTEA**

Breathable back. Nitrile gloves with cotton knit backing, elastic cuff and inner lining.

- Nitrile is a flexible substance that offers resistance to greases, oils and hydrocarbons.
- Thicker Nitrile coating provides greater chemical and mechanical resistance.
- High breathability of cotton fabric.
- Perfect adjustment. Excellent relationship between mechanical resistance and dexterity.

USES

General Handling. Mechanical Risks. Gloves especially indicated for work handling objects in a greasy, wet or dirty environment, such as construction, handling, waste, industrial work, DIY, public works.

Units box: 120 Min. order: 12 pairs

SIZES: 8, 9 and 10

EN ISO 21420

EN 388
3 1 1 1 X

Ref. **688NCENA**

Covered back. Nitrile gloves with cotton knit backing, elastic cuffs and inner lining.

- Nitrile is a flexible substance that offers resistance to greases, oils and hydrocarbons.
- Thicker Nitrile coating provides greater chemical and mechanical resistance.
- High breathability of cotton fabric.
- Perfect adjustment. Excellent relationship between mechanical resistance and dexterity.

USES

General Handling. Mechanical Risks. Gloves especially indicated for work handling objects in a greasy, wet or dirty environment, such as construction, handling, waste, industrial work, DIY, public works.

Units box: 120 Min. order: 12 pairs

SIZES: 7, 8, 9 and 10

EN ISO 21420

EN 388
3 1 1 1 X



Ref. **688NTFNY**

Breathable back. Flexible Nitrile gloves with cotton knit backing and elastic cuffs.

- Nitrile is a flexible substance that offers resistance to greases, oils and hydrocarbons.
- High breathability of cotton fabric.
- Perfect adjustment. Excellent relationship between mechanical resistance and dexterity.

USES

General Handling. Mechanical Risks. Gloves especially indicated for work handling objects in a greasy, humid or dirty environment, such as construction, handling, waste, industrial work, DIY, public works and in general activities with non-highly sharp elements.

Units box: 120 Min. order: 12 pairs

SIZES: 7, 8, 9 and 10

EN ISO 21420



Ref. **688NCFNY**

Covered back. Flexible Nitrile gloves with cotton knit backing and elastic cuff.

- Nitrile is a flexible substance that offers resistance to greases, oils and hydrocarbons.
- High breathability of cotton fabric.
- Perfect adjustment. Excellent relationship between mechanical resistance and dexterity.

USES

General Handling. Mechanical Risks. Gloves especially indicated for work handling objects in a greasy, humid or dirty environment, such as construction, handling, waste, industrial work, DIY, public works and in general activities with non-highly sharp elements.

Units box: 120 Min. order: 12 pairs

SIZES: 7, 8, 9 and 10

EN ISO 21420



Ref. **788PR**

Mixed 1st grain cow leather and canvas gloves. Rigid sleeves.

- American type gloves in 1st grain cow leather and canvas, with rigid cuffs.
- The cow leather grain gives the gloves excellent resistance to abrasion and tears, while giving them greater durability and dexterity.
- Breathable and with good sweat absorption, combining leather and cotton.

USES

General Handling. Mechanical Risks. Handling activities with mechanical risks, such as steel, rolling, naval sector, loading and unloading of goods, cleaning, handling of hand tools, gardening, agriculture, construction.

Units box: 120 Min. order: 12 pairs

SIZE: 9

EN ISO 21420



Ref. **788TA**

American style mixed economical split cow leather/canvas gloves.

- American type split leather gloves, with 100% cotton cuffs and lining.
- Split cow leather performs better in wet environments, and is more suitable for heavier work. Offers greater resistance to abrasion.
- Breathable and with good sweat absorption, combining leather and cotton.

USES

General Handling. Heavy handling activities, such as steel, rolling, naval sector, loading and unloading of goods, handling of heavy manual tools, gardening, agriculture, construction.

Units box: 120 Min. order: 12 pairs

SIZE: 9

EN ISO 21420



Ref. **788NEBA**

Mixed 1st split cow leather gloves with rigid cuffs.

- American type 1st split cow leather gloves, rigid cuffs and cotton/polyester lining.
- The split leather provides good resistance to cutting and temperature and its high quality leather provides greater dexterity.
- Breathable and with good sweat absorption, combining leather and cotton.
- Great quality/price ratio.

USES

General Handling. Mechanical Risks. Heavy handling activities with mechanical risks, such as loading and unloading of goods, cleaning, handling of hand tools, gardening, agriculture, naval sector, assembly.

Units box: 120 Min. order: 12 pairs

SIZE: 9

EN ISO 21420





Ref. **788NEAMA**

Mixed 1st brown split cow leather gloves, rigid cuff.

- American type 1st split cowhide gloves, rigid cuffs and cotton/ polyester lining.
- The split leather provides good resistance to cutting and temperature and its high quality leather provides greater dexterity.
- Breathable and with good sweat absorption, combining leather and cotton.
- Great quality/price ratio.

USES

General Handling. Mechanical protection. Heavy handling activities with mechanical risks, such as loading and unloading of goods, cleaning, handling of hand tools, gardening, agriculture, naval sector, assembly.

Units box: 120 Min. order: 12 pairs

SIZE: 9

EN ISO 21420

EN 388
3 2 4 3 X

Ref. **788RWV**

Mixed American type gloves made of split cow leather/ canvas, reinforced on the palms, index fingers and thumbs. Rigid cuff and reinforcement seams.

- American type glove with 1st split cow leather and 100% cotton lining.
- Split cow leather performs better in wet environments, and is more suitable for heavier work. Offers greater resistance to abrasion.
- Reinforced with split leather and seams in the points where there is greater wear of the glove, thus extending its life.
- Breathable and with good sweat absorption, combining leather and cotton.

USES

General Handling. Heavy handling activities with mechanical risks, such as steel, rolling, naval sector, loading and unloading of goods, handling of heavy manual tools, gardening, agriculture, construction.

Units box: 120 Min. order: 12 pairs

SIZE: 9

EN ISO 21420

EN 388
3 2 3 4 X

Ref. **788REV**

Mixed American type gloves made of split cow leather/ canvas, reinforced on the palms, index fingers and thumbs.

- American type split cow leather glove, with 100% cotton cuff and lining.
- Split cow leather performs better in wet environments, and is more suitable for heavier work. Offers greater resistance to abrasion.
- Reinforced with split leather in the tips where there is greater wear of the glove, thus extending its life.
- Breathable and with good sweat absorption, combining leather and cotton.

USES

General Handling. Heavy handling activities, such as steel, rolling, naval sector, loading and unloading of goods, handling of heavy manual tools, gardening, agriculture, construction.

Units box: 120 Min. order: 12 pairs

SIZE: 9

EN ISO 21420

EN 388
2 2 2 4 X



Ref. **788LFY**

Full grain cow leather driver gloves with inner lining for warmth.

- Driver type glove made with excellent quality cow grain leather.
- Warm polyester/cotton inner lining.
- The cow leather grain gives the gloves excellent resistance to abrasion and tears, while giving them greater durability and dexterity.
- Constant quality in the leather.

USES

General Handling. Mechanical risks. Protection against the cold. Outdoor handling activities with mechanical risks in a dry environment where flexibility, comfort and touch are needed, such as driving jobs (tractors, trucks, crane operators), loading and unloading, logistics tasks, automotive, public works, construction, assembly of parts outdoors.

Units box: 120 Min. order: 12 pairs

SIZE: 9

EN ISO 21420

EN 388
2 1 3 3 X

Ref. **688NYLFRSIN**

Black polyester gloves with black latex coating.

- Latex is a natural substance that provides a high level of comfort due to its high flexibility, while providing excellent grip and resistance to abrasion.
- Excellent non-slip grip that provides good grip in wet and abrasive conditions and great tear resistance.
- High breathability of polyester fabric.

USES

General Handling. Mechanical Risks and Cold. Special gloves for work where it is necessary to combine protection against mechanical risks and protection against cold (due to climatic conditions or industrial activity) and high adhesion. Outdoor construction work, outdoor maintenance work (roads, railways, aeronautics) and general handling in cold environments or with cold/wet loads that require high adhesion.

Units box: 120 Min. order: 12 pairs

SIZES: 7, 8, 9 and 10

EN ISO 21420

EN 511
X 2 X

EN 388
2 2 4 3 X





Ref. **788LAJY**

Yellow cow grain leather driver type gloves with trim.

- Driver-type glove made of excellent quality full-grain cow leather.
- The cow leather grain gives the gloves excellent resistance to abrasion and tears, while giving them greater durability and dexterity.
- Constant quality in the leather.

USES

General Handling. Mechanical and thermal risks (contact heat 100°C for 15 seconds). Handling activities with mechanical risks, such as assembly lines, automotive, household appliances, naval, furniture, public services, railways, agriculture, construction.

Units box: 120 Min. order: 12 pairs

SIZES: 8, 9 and 10

EN ISO 21420



Ref. **788LGSG**

Driver type gloves, natural colour grain (palm) and split leather (back), with trim.

- Driver-type gloves made of excellent quality full-grain and split cow leather.
- The cow grain gives the gloves excellent resistance to abrasion and tear, while giving them greater durability and dexterity, and the split leather on the back has greater resistance to cutting and perforation. Manufactured under the ISO:9001-2008 quality management system.
- Constant quality in the leather.

USES

General Handling. Mechanical Risks. Handling activities with mechanical risks in a dry environment where greater comfort and feel is needed, such as driving jobs (trucks, crane operators), loading and unloading, logistics tasks, automotive, public works, equipment manufacturers, construction.

Units box: 120 Min. order: 12 pairs

SIZES: 8, 9 and 10

EN ISO 21420



Ref. **788LIBL**

Driver type gloves full grain cow leather and cotton knit back.

- Driver-type gloves made of excellent quality full-grain cow leather combined with interlock type cotton.
- The grain leather gives the gloves excellent resistance to abrasion and tearing, while giving them greater durability and dexterity.
- Cotton provides greater breathability and greater comfort.
- Constant quality in the leather.

USES

General Handling. Mechanical Risks. Handling activities with mechanical risks where greater comfort, touch and dexterity are needed such as driving jobs (trucks, crane operators), assembly, small parts, automotive industry.

Units box: 120 Min. order: 12 pairs

SIZES: 6, 7, 8, 9 and 10

EN ISO 21420



Ref. **788LGJBL**

Cow grain leather driver type gloves with trim.

Ref. **788LGJBBL**
Blistered look.

- Driver-type glove made of excellent quality full-grain cow leather.
- The cow leather grain gives the gloves excellent resistance to abrasion and tears, while giving them greater durability and dexterity.
- Constant quality in the leather.

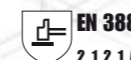
USES

General Handling. Mechanical and thermal risks (contact heat 100°C for 15 seconds). Handling activities with mechanical risks, such as assembly lines, automotive, household appliances, naval, furniture, public services, railways, agriculture, construction.

Units box: 120 Min. order: 12 pairs

SIZES: 7, 8, 9, 10 and 11

EN ISO 21420



Ref. **688NUTA**

Blue Nitrile gloves.

- Powder-free blue Nitrile gloves, very fine with great tactile sensitivity. Nitrile is a flexible substance that offers resistance to greases, oils and hydrocarbons. Made of a very soft Nitrile that reduces the user's hand fatigue, but retains high mechanical and chemical properties.
- Free of proteins, so it does not cause allergies.
- Manufactured under the ISO 13485 quality management system.
- (Minimum price and units = 1 Pack of 100 units)

USES

General Handling. Activities where a lot of touch is required such as pharmacies, laboratories, handling of parts, workshops, electronics and handling in general where there is minimal risk but protection against stains is necessary and to protect the product during handling.

Units box: 10 Min. order: 1 pack of 100 units

SIZES: S and M

EN ISO 21420



Ref. **688LUTBL**

Powdered latex gloves.

- Powdered latex gloves, very fine with great tactile sensitivity.
- Latex is a very flexible natural substance, which offers great comfort, excellent grip and good resistance to abrasion.
- Manufactured under the ISO 13485 quality management system.
- (Minimum price and units = 1 Pack of 100 units)

USES

General Handling. Activities where a lot of touch is required such as pharmacies, laboratories, handling of parts, workshops, electronics and handling in general where there is minimal risk but protection against stains is necessary and to protect the product during handling.

Units box: 10 Min. order: 1 pack of 100 units

SIZE: L

EN ISO 21420



Ref. **788MR**

1st split cow leather with Kevlar seams and special interior lining. **35 cm.**

- The split leather gives the glove good resistance to cutting and temperature.
- 1st split cow leather that offers excellent mechanical performance against abrasion and tearing.
- The inner lining provides warmth and thermal insulation.

USES

Welding risk, mechanical risks and thermal risk. Welding and heavy handling activities and Type A related processes. They also offer protection against mechanical aggressions and heat (up to 100°C).

Units box: 60 Min. order: 12 pairs

SIZE: 9

EN ISO 21420

EN 12477
tipo A

EN 407
4 1 2 2 4 X

EN 388
4 1 2 3 X

Ref. **788MAR**

1st split cow leather with Kevlar seams and special interior lining. **40 cm.**

- The split leather gives the glove good resistance to cutting and temperature.
- 1st split cow leather that offers excellent mechanical performance against abrasion and tearing.
- The inner lining provides warmth and thermal insulation.

USES

Welding risk, mechanical risks and thermal risk. Welding and heavy handling activities and Type A related processes. They also offer protection against mechanical aggressions and heat (up to 100°C).

Units box: 60 Min. order: 12 pairs

SIZE: 9

EN ISO 21420

EN 12477
tipo A

EN 407
4 1 2 2 4 X

EN 388
4 1 2 3 X



Ref. **788MRMA**

1st split cow leather with Kevlar stitching and special interior lining. Thumb reinforcement.

- Gloves made of excellent quality split cow leather with interior lining and fireproof seams (Kevlar thread).
- 1st split cow leather that offers excellent mechanical performance: Maximum abrasion and tear performance (level 4).
- The inner lining provides warmth and thermal insulation.
- The thumb reinforcement gives the gloves greater resistance and durability.

USES

Welding risk, mechanical risks and thermal risk. Welding and heavy handling activities and Type A related processes. They also offer protection against mechanical aggressions and heat (up to 100°C).

Units box: 60 Min. order: 12 pairs

SIZE: 9

EN ISO 21420

EN 12477
tipo A

EN 407
4 2 3 X 4 X

EN 388
4 1 4 3 B

Ref. **788MXG**

Full grain cow leather on the hands and split cow leather on the sleeves with Kevlar seams.

- Welding gloves made with full grain cow leather (hands), cow split leather (cuffs) and fireproof seams (Kevlar thread).
- Resistance to abrasion and tearing, while giving them greater durability and, above all, dexterity: Maximum level of dexterity (5) for precise welding work (TIG welding).
- Resistance to cutting and temperature in case of small incandescent splashes.
- The inner lining provides warmth and thermal insulation.

Compatible as an overglove for the following dielectric models:

688-D100 **SIZES: 8, 9 and 10**

688-D10 **SIZES: 8, 9 and 10**

688-D11 **SIZES: 9**

USES

Welding risk, mechanical risks and thermal risk. Welding and fine handling activities and Type B related processes. They also offer protection against mechanical attacks and heat (up to 100°C).

- Other uses: Oil platforms, workshops, citrus picking.

Units box: 120 Min. order: 12 pairs

SIZES: 9, 10 and 11

EN ISO 21420

EN 12477
tipo B

EN 388
2 1 2 1 X

EN 407
4 1 2 2 1 X

This type of PPE is catalogued within category III, which includes complex design equipment intended to protect against any mortal danger or that may seriously and irreversibly harm health, which is why the manufacturer must prepare a CE declaration of conformity after a notified body has issued an EC type certificate and carried out a manufacturing check.

General Requirements.

Requirements applicable to all PPE. Ergonomics, Safety, Comfort and Efficiency..

Additional Requirements.

When PPE has adjustment systems, it must be manufactured in such a way that, once adjusted, it cannot (under normal conditions of use) be de-adjusted regardless of the user's will.

_Standard EN353-2

Anti-fall sliding devices with flexible anchor line.

_Standard EN354

Mooring element.

_Standard EN355

Energy absorbers.

_Standard EN358

PPE for support in the work position and prevention of falls from a height. Fastening and retention belts and restraint mooring components. Applicable to equipment intended to keep the user in their working position (Restraint) and prevent them from reaching a place where a fall from a height could occur (Retention). In no case should a restraint or retention system be used as a fall arrest system.

_Standard EN360

Retractable fall arrest devices.

_Standard EN361

Anti-fall harnesses.

_Standard EN362

Connectors.

_Standard EN795

Anchoring devices.

_Standard EN363

This standard specifies the terminology and general requirements of fall arrest systems used as PPE. against falling from a height. They must be designed and manufactured with a high level of protection that does not generate risks, be easy to put on, light and without misalignments, and that allow for a correct position after stopping.

_Standard EN364

Regulates testing methods.

_Standard EN365

General requirements for instructions for use and marking.

_Standard EN813

Suspension Work.

_Marking

CE marking (as they are category 3 personal protective equipment) followed by the number of the authorised control body.

Manufacturer name.

Device model.

Serial or lot number.

Month and year of manufacture.

Manufacturing materials.

_Instructions for Use

Name of the manufacturer or distributor and their address. Model.

Storage, cleaning and maintenance instructions. Other indications that the manufacturer considers appropriate.

Maintenance.

According to the EN365 standard, each piece of equipment must be checked by the user visually before each use to find possible damage. The useful life of STEELPRO equipment is approximately 5 years, always depending on the conditions of use and maintenance (daily use, exposure to the sun, friction with edges and other devices, transportation... etc. shorten the life of the equipment) .

They must undergo an annual review by the manufacturer from the date of first use, and be replaced 5 years from the date of manufacture or date of first use. For annual reviews, the cost, transportation, etc. must always be assessed. compared to the cost of acquiring a new product (with greater guarantees as it is new and unused equipment) and with a more recent manufacturing date.

Due to the current cost of the equipment, it is usually more advisable from the point of view of cost and, above all, safety, to replace the equipment with new ones.

SYMBOLGY:



Sternal hitch



Dorsal hitch



Positioning hitch



Seat hitch





Ref. **1888ABFPROSIN**
STEELCONFORT 2

Padded with dorsal and sternal attachment.

- Dorsal ring and sternal hook in accordance with EN361.
- Ergonomic padded back, belt and legs.
- Automatic buckles on legs and chest.

USES In activities with a risk of falling from a height to work in activities related to construction, maintenance of façades, scaffolding, industry, refineries, generating plants, assemblies...

U. box: 7 **Min. order: 1 unit**

 **EN 361** Anti-fall harnesses




Ref. **1888ATSSIN**
APACHE


Harness for suspension work, fall protection and positioning.

- Fall arrest harness with seat harness and adjustable positioning belt with side fastening rings according to EN358. Ventral, dorsal and frontal attachment.
- Dorsal and sternal ring in aluminium and in accordance with EN361.
- Aluminium ventral ring in accordance with EN813.
- Padded back and legs.

USES In activities that require working in suspension, with the risk of falling from a height and the need to position oneself to work in activities related to construction, maintenance of façades, towers, poles and scaffolding, industry, refineries, generating plants, assembly rescue and emergencies...

U. box: 6 **Min. order: 1 unit**

 **EN 361** Anti-fall harnesses

 **EN 358** Belts and components for fastening and retention

 **EN 813** Seat harnesses



Ref. **1888ACPLUSSIN**
STEELTEC PRO


Harness with dorsal and sternal attachment with positioning belt and extension.

- Dorsal and sternal ring in accordance with EN361.
- Padded back and legs.
- Dorsal ring with extension.
- Automatic buckles on legs and chest.

USES In activities with a risk of falling from a height and the need to position oneself to work in activities related to construction, maintenance of façades, towers, poles and scaffolding, industry, refineries, generating plants, assemblies...

U. box: 6 **Min. order: 1 unit**

 **EN 361** Anti-fall harnesses

 **EN 358** Belts and components for fastening and retention




Ref. **1888AC SIN**
STEELTEC-1

With dorsal and frontal attachment with positioning belt.

- Highly versatile adjustable harness.
- Frontal attachment (sternal)
- Adjustable positioning belt with rings.
- Double regulation in chest and legs for better adaptation.
- Double body dorsal ring for greater safety.

USES In activities with a risk of falling from a height and the need to position oneself to work in activities related to construction, maintenance of façades, towers, poles and scaffolding, industry, refining, generating plants, assemblies...

U. box: 7 **Min. order: 1 unit**

 **EN 361** Anti-fall harnesses

 **EN 358** Belts and components for fastening and retention





Ref. **1888ABFPLSSIN**
STEELSAFE-3 PLUS

Adjustable with dorsal hook, 2 front D rings, extension and automatic buckle closures.

- Very versatile and light harness, designed especially for industrial maintenance (climbing towers...etc.).
- Dorsal extender.
- Adjustable chest strap, two steel D rings and automatic buckle closure.
- Automatic buckle closures on legs.
- Double regulation in chest and legs for better adaptation.
- Double body dorsal ring for greater safety.
- Subgluteal band.

USES In activities with a risk of falling from a height in construction, maintenance of façades and roofs, industry, assembly...

U. box: 15 **Min. order: 1 unit**

EN 361 Anti-fall harnesses



Ref. **1888ABF2SIN**
STEELSAFE-2 PRO

Adjustable with dorsal attachment, 2 front D rings and extension.

- Dorsal extender.
- Adjustable chest strap two steel D rings and automatic buckle closure.
- Double body dorsal ring for greater safety.

USES In activities with a risk of falling from a height in construction, maintenance of façades and roofs, industry, assembly...

U. box: 15 **Min. order: 1 unit**

EN 361 Anti-fall harnesses



Ref. **1888ABSIN**
STEELSAFE-1

Basic with dorsal attachment and regulation ring.

- Double body dorsal ring for greater safety.

USES In activities with a risk of falling from a height in construction, maintenance of façades and roofs, industry, assembly...

U. Boîte 20 **Min. order: 1 unit**

EN 361 Anti-fall harnesses



Ref. **1888ABFSIN**
STEELSAFE-2

Adjustable harness with dorsal and front attachment.

- Front (sternal) hook with coating.
- Double body dorsal ring for greater safety.

USES In activities with a risk of falling from a height in construction, maintenance of façades and roofs, industry, assembly...

U. box: 20 **Min. order: 1 unit**

EN 361 Anti-fall harnesses





Ref. **1888ARSIN**
STEELRESC

With dorsal attachment and rescue strap.

- Specially designed for work in confined spaces where a worker rescue operation is required.
- Extension tape with steel D ring for rescue.
- Double regulation in chest and legs for better adaptation.
- Double body dorsal ring.
- Subgluteal band.

USES In activities with a risk of falling from a height and especially in confined spaces (wells, tunnels, maritime rescue...etc.).

U. box: 6 **Min. order: 1 unit**

EN 358 Belts and components for fastening and retention
EN 813 Seat harnesses



Ref. **1888CTSSIN**
APACHE TREE

Belt for work in suspension and positioning.

- Seat harness with positioning belt. Ventral attachment and adjustable positioning belt with lateral fastening rings.
- Very light and comfortable.
- Padded belt and legs.
- Adjustable legs.
- Anodised aluminium rings.

USES In activities with the need to position oneself to work, hold on or for jobs that require suspension in construction, cleaning, maintenance, towers, industry...

U. box: 6 **Min. order: 1 unit**

EN 361 Anti-fall harnesses
EN 1497 Rescue harnesses



Ref. **1888CPSIN**
DAKOTA

Belt for positioning work.

- Restraint belt in working position (positioning) and prevention (restraint) of falls from a height.
- Very light, with padded belt. Adjustable.
- 2 side rings to fix fastening mooring components.
- Seams more resistant to ultraviolet (UV) rays.

USES In activities with the need to position oneself to work or prevent reaching a fall point in construction, cleaning, maintenance, towers, poles and scaffolding industry...

U. box: 8 **Min. order: 1 unit**

EN 358 Belts and components for fastening and retention



Ref. **1888CU15YMSIN**
1.5 metre "Y" rope with carabiners.

- 12mmØ "Y" rope with threaded steel carabiner and two hook-type carabiners.
- It allows you to always be attached to the anchor point when moving from one anchor point to another.
- Steel carabiner with 15mm opening thread closure
- 2 Hook-type steel carabiners with 55mm opening.
- Thimble guard to reduce friction between the carabiners and the rope, and facilitate use with the carabiners.

USES As a mooring element (retention), preventing reaching the points where a free fall could occur, in activities where you have to be frequently moving from one anchor point to another,

U. box: 8 **Min. order: 1 unit**

EN 354 Mooring elements



Ref. **1888CURMSIN**
Adjustable rope with carabiners.

- 14mmØ rope adjustable from 1 to 2 metres in length with carabiners.
- Lanyard and positioning element of variable length (from 1 to 2 metres).
- Steel carabiner with 15mm opening thread closure
- Quick opening automatic steel carabiner with 20mm opening.

USES As a mooring and positioning element (retention and restraint), preventing reaching points where a free fall could occur.

U. box: 8 **Min. order: 1 unit**

EN 354 Mooring elements
EN 358 Fastening mooring elements (positioning)



Ref. **1888CU15MSIN**
1.5 metre rope with carabiners

- 12mmØ rope with threaded steel carabiner and hook type carabiner.
- Fixed length mooring element (1.5 metres).
- Steel carabiner with 15mm opening thread closure (to attach to the harness)
- Hook-type steel carabiner with 55mm opening (for point of mooring).
- Thimble guard to reduce friction between the carabiners and the rope, and facilitate use with the carabiners.

USES As a mooring element (retention and restraint), preventing reaching points where a free fall could occur.

U. box: 30 **Min. order: 1 unit**

EN 354 Mooring elements





Ref. **1888CURSIN**
Adjustable rope.

- 14mmØ rope adjustable from 1 to 2 metres in length (without carabiners).
- Mooring and positioning element of variable length (from 1 to 2 m).
- To adapt EN362 carabiners.

USES As an element for mooring and positioning (retention and restraint), preventing reaching points where a free fall could occur.

U. box: 25 Min. order: 1 unit

EN 354 Mooring elements

EN 358 Fastening mooring elements (positioning)



Ref. **1888CU15YSIN**
1.5 metre "Y" rope.

- 12mmØ "Y" rope with three side loops with thimbles.
- Fixed length mooring element (1.5 metres), which allows you to always be attached to the anchor point when moving from one anchor point to another.
- Thimble guard to reduce friction between the carabiners and the rope, and facilitate use with the carabiners.

USES As an element for mooring (retention), preventing reaching the points where a free fall could occur, in activities where you have to be frequently moving from one anchor point to another.

U. box: 30 Min. order: 1 unit

EN 354 Mooring elements



Ref. **1888CU1SIN**
1 metre rope.

- 12mmØ rope with two side loops with thimbles.
- Fixed length mooring element.
- Thimble guard to reduce friction between the carabiners and the rope, and facilitate use with the carabiners.

USES As an element for mooring and positioning (retention and fastening), preventing reaching the points where a free fall could occur.

U. box: 50 Min. order: 1 unit

EN 354 Mooring elements

EN 358 Fastening mooring elements (positioning)



Ref. **1888CURMPSIN**
Adjustable rope with regulator and carabiners.

- 12mmØ semi-static rope adjustable from 1 to 2 metres in length with carabiners.
- Mooring and positioning element of variable length.
- Regulating device in aluminium.
- Steel carabiner with 15mm opening thread closure
- Quick opening automatic steel carabiner with 20mm opening.
- Protective tape. Delays rope wear in the contact area in positioning.

USES As an element for mooring and positioning (retention and fastening), preventing reaching the points where a free fall could occur.

U. box: 12 Min. order: 1 unit

EN 354 Mooring elements

EN 358 Fastening mooring elements (positioning)

EN 353-2 Anti-fall devices sliding on flexible anchor line



Ref. **1888AEGYSIN**
STEEL FLEX "Y" Elastic Strap with absorber and carabiners.

- Quick-opening automatic steel carabiner with 20mm opening (to attach to the harness) and 2 lightweight hook-type aluminium carabiners with 60mm opening (to attach to the anchor point).
- ERGO SHOCK energy absorber, energy dissipator in case of falls from a height.
- Total length of 1.50 metres. (including carabiners). Extended length: 1.80 metres

USES As a fall-arrest mooring element, preventing reaching the point where a free fall could occur or as a fall prevention element, in activities where you have to be frequently moving from one anchor point to another.

U. box: 6 Min. order: 1 unit

EN 354 Mooring elements

EN 355 Energy absorbers





Ref. 1888AESIN


STEEL FLEX Elastic Strap with absorber and carabiners.

- Elastic strap with ERGO SHOCK energy absorber, with 2 quick-opening automatic steel carabiners with a 20mm opening (to attach to the harness and anchor point).
- ERGO SHOCK energy absorber, energy dissipator in case of falls from a height.
- Total length of 1.50 metres (including carabiners). Extended length: 1.80 metres.

USES As an anti-fall mooring element preventing reaching the points where a free fall could occur or as an anti-fall element in case it finally occurs.

U. box: 8 **Min. order: 1 unit**

 **EN 354** Mooring elements

 **EN 355** Energy absorbers




Ref. 1888AEGSIN

STEEL FLEX Elastic Strap with absorber and carabiners.

- Quick-opening automatic steel carabiners and lightweight hook-type aluminium carabiner.
- SHOCK, energy dissipator in case of falls from a height.
- Total length of 1.50 metres (including carabiners). Extended length: 1.80 metres
- Quick opening automatic steel carabiner with 20mm opening (to attach to the harness).
- Quick opening hook type carabiner with 60 mm opening (to attach to the anchor point)

USES As an anti-fall mooring element, preventing reaching the points where a fall could occur or as an anti-fall element in case a fall finally occurs.

U. box: 8 **Min. order: 1 unit**

 **EN 354** Mooring elements

 **EN 355** Energy absorbers



Ref. 1888ACISIN

Strap with ERGO SHOCK absorber and carabiners.

- 1.80 metre strap with energy absorber and two steel carabiners.
- ERGO SHOCK energy absorber, energy dissipator in case of falls from a height.
- Total length of 1.80 metres (including carabiners).
- Two steel carabiners with a 15mm opening screw closure (to attach to the harness and anchor point).

USES As an anti-fall mooring element, preventing reaching the points where a free fall could occur or as an anti-fall element in case it finally occurs. (Minimum ground clearance of 6 meters).

U. box: 8 **Min. order: 1 unit**

 **EN 354** Mooring elements

 **EN 355** Energy absorbers



Ref. 1888ASIN

ERGO SHOCK absorber.

- Energy absorber with two side loops.
- ERGO SHOCK energy absorber, energy dissipator in case of falls from a height.
- Total length: 30 cm. (1.75 metres deployed).

USES As an anti-fall mooring element, preventing reaching the points where a free fall may occur or as an anti-fall element in the event that it finally occurs. (Minimum ground clearance of 6 meters).

U. box: 60 **Min. order: 1 unit**

 **EN 355** Energy absorbers



Ref. 1888ACGYSIN

“Y” strap with ERGO SHOCK absorber and carabiners.

- Threaded steel carabiner and 2 hook-type steel carabiners.
- Energy dissipator in case of falls from a height.
- Total length of 1.80 metres (including carabiners).
- Steel carabiner with 15mm opening thread closure (to attach to the harness).
- Two hook-type steel carabiners with a 55mm opening (for anchor points).

USES As an anti-fall mooring element, preventing reaching points where a free fall may occur or as a fall arrest element in the event that it finally occurs, in activities that where you have to be frequently moving from one anchor point to another (Minimum ground clearance of 6 meters).

U. box: 8 **Min. order: 1 unit**

 **EN 354** Mooring elements

 **EN 355** Energy absorbers




Ref. 1888ACGSIN


Strap with ERGO SHOCK absorber and carabiners.

- Strap with energy absorber, threaded steel carabiner and hook-type steel carabiner.
- ERGO SHOCK energy absorber, energy dissipator in case of falls from a height.
- Total length of 1.80 metres (including carabiners).
- Steel carabiner with 15mm opening thread closure (to attach to the harness).
- Hook type steel carabiner with 55 mm opening (to attach to the anchor point).

USES As an anti-fall mooring element, preventing reaching the points where a free fall may occur or as an anti-fall element in case it finally occurs. (Minimum ground clearance of 6 meters).

U. box: 8 **Min. order: 1 unit**

 **EN 354** Mooring elements

 **EN 355** Energy absorbers





Ref. 1888MARSIN AZOR

Threaded steel carabiner.

- Screw closure mechanism.
- Galvanised steel with Zinc coating
- Weight: 150g.
- Opening: 15 mm
- Static resistance: 22kN.
- Individual presentation.

USES As an element for fall protection in permanent or long-lasting connections

U. box: 20 Min. order: 1 unit

EN 362 Connectors



Ref. 1888MALRSIN AZOR ALU

Threaded aluminium carabiner.

- Screw closure mechanism.
- Anodised aluminium.
- Weight: 60g.
- Opening: 15 mm
- Static resistance: 22kN.
- Individual presentation.

USES As an element for fall protection in permanent or long-lasting connections

U. box: 20 Min. order: 1 unit

EN 362 Connectors



Ref. 1888MAASIN CÓNDROR

Automatic steel carabiner.

- Automatic connector (1/4 turn).
- Material: galvanised steel.
- Weight: 200g.
- Opening: 22 mm
- Static resistance: 24kN.
- Individual presentation.

USES As an element for fall protection in permanent or long-lasting connections

U. box: 20 Min. order: 1 unit

EN 362 Connectors



Ref. 1888MALASIN CÓNDROR ALU

Automatic aluminium carabiner.

- Automatic connector (1/4 turn).
- Material: aluminium.
- Weight: 80g.
- Opening: 22 mm
- Static resistance: 22kN.
- Individual presentation.

USES As an element for fall protection in permanent or long-lasting connections

U. box: 20 Min. order: 1 unit

EN 362 Connectors



Ref. 1888MSASIN ANADE

Quick opening automatic carabiner.

- Self-closing connector for frequent connections.
- Anodised steel structure.
- Weight: 200g.
- Opening: 20 mm.
- Static resistance: 25kN.
- Individual presentation.

USES As an element for anti-fall in repeated and frequent connections.

U. box: 20 Min. order: 1 unit

EN 362 Connectors



Ref. 1888MGASIN HALCÓN

Quick opening automatic carabiner

- Self-closing connector for frequent connections.
- Steel and Zinc coating.
- Weight: 450g.
- Opening: 55 mm
- Static resistance: 25kN.
- Individual presentation.

USES As an element for anti-fall in repeated and frequent connections.

U. box: 20 Min. order: 1 unit

EN 362 Connectors



Ref. 1888MGALSIN HALCÓN ALU

Quick opening automatic carabiner.

- Self-closing hook type for frequent connections.
- Anodised aluminium structure.
- Weight: 500g.
- Opening: 60 mm.
- Static resistance: 25kN.
- Individual presentation.

USES As an element for anti-fall in repeated and frequent connections in pipes, beams, etc.

U. box: 20 Min. order: 1 unit

EN 362 Connectors



Ref. 1888MGALGSIN CORMORÁN

Quick, large-opening automatic carabiner.

- Automatic closing hook type and large opening.
- Anodised aluminium structure.
- Weight: 900g.
- Opening: 110 mm.
- Static resistance: 25kN.
- Individual presentation.

USES As an anti-fall element in repeated and frequent connections in pipes, especially thick beams.

U. box: 20 Min. order: 1 unit

EN 362 Connectors



Ref. 1888MB25CSIN
Retractable fall arrester casing strap

- Locking, tension and recoil system, so that the worker is restrained if the device detects a fall, tightens the strap while working and automatically collects it once it is loose.
- Maximum total length of 2.5 metres (collected energy absorber).
- Polyester and polyamide textile strap with resistance tested according to EN 360 standard.
- Strap with enhanced visibility for better user signalling during the day.
- Polyurethane protective casing.
- Large connection hook with automatic closure at the final end. The connector at the other end must comply with the EN 362 standard –not supplied, but with a handle compatible with the STEELPRO® range of connectors or other connectors that comply with the EN 362 standard according to the user's needs.

U. box: 10 Min. order: 1 unit

EN 360

Personal protective equipment for falls from a height and according to the Standard (UE) 2016/425



Ref. 1888B10SIN
Retractable Fall arrester Device 10 m.

- Carter made of ABS, very light but highly resistant to impacts.
- Steel carabiner and anti-twist carabiner (prevents twisting and breaking of the cable), with fall indicator.
- Device weight: 5 kg.
- Maximum user weight: 140 kg.
- Includes rope to lower the carabiner to the harness once the device is placed at a height.

USES In activities with a risk of falling from a height, and in particular work that requires freedom of movement for the user, in activities related to construction, maintenance of façades, towers, industry, refineries, generating plants, assemblies, work on platforms and tanker trucks...etc.

U. box: 2 Min. order: 1 unit

EN 360:02 Retractable fall arrester



Ref. 1888B5CSIN
Retractable Fall arrester Device with 5 m of strap.

- Carter made of ABS, very light but highly resistant to impacts.
- Steel carabiner and anti-twist carabiner (prevents twisting and breaking of the strap), with fall indicator.
- Device weight: 2 kg.
- Maximum user weight: 140 kg.
- Includes rope to lower the carabiner to the harness once the device is placed at a height.

USES In activities with a risk of falling from a height, and in particular work that requires freedom of movement for the user, in activities related to construction, maintenance of façades, towers, industry, refineries, generating plants, assemblies, work on platforms and tanker trucks...etc.

U. box: 8 Min. order: 1 unit

EN 360:02 Retractable fall arrester



Ref. 1888B10CSIN
Retractable Fall arrester Device with 10 m of strap.

- Carter made of ABS, very light but highly resistant to impacts.
- Steel carabiner and anti-twist carabiner (prevents twisting and breaking of the strap), with fall indicator.
- Device weight: 4.85 kg.
- Maximum user weight: 140 kg.
- Includes rope to lower the carabiner to the harness once the device is placed at a height.

USES In activities with a risk of falling from a height, and in particular work that requires freedom of movement for the user, in activities related to construction, maintenance of façades, towers, industry, refineries, generating plants, assemblies, work on platforms and tanker trucks...etc.

U. box: 4 Min. order: 1 unit

EN 360:02 Retractable fall arrester



vertical life lines

horizontal life line



Lifeline ropes

- 12mmØ vertical lifeline ropes, with threaded steel carabiner and thimble.
- Twisted polyester rope to be used with WIND device Ref. **1888DFASIN**
- Minimum resistance 22kN.

Ref. **1888C10SIN** 10 metres.
Ref. **1888C20SIN** 20 metres.
Ref. **1888C30SIN** 30 metres.
Ref. **1888C50SIN** 50 metres.

USES In work with displacement in vertical positions with a risk of falling, holding the user at each point of the rope using the WIND sliding fall arrest device. Important note: Lifeline ropes are not considered a PPE in themselves and must always be used with sliding fall arrest devices according to EN353-2. They should therefore never be used directly on the harness, but rather using the sliding fall arrest device (WIND).

U. box: 5 Min. order: 1 unit

EN 353-2 Anti-fall devices sliders on flexible anchor line

EN 354 Mooring elements



Ref. **1888DFASIN**

WIND anti-fall sliding and positioning device

- Sliding anti-fall device for rope made of aluminium, with threaded steel carabiners and energy absorber.
- Very light, made of anodised aluminium (Weight: 180g).
- For 12-13mmØ ropes
- To be used as a fall arrest device on lifeline ropes (1888-C10, 1888-C20...), and for positioning ropes according to EN358.
- It can be adapted to any section of the rope, without the need to go to the extreme since it has an easy opening mechanism.

USES As an anti-fall element sliding in lines of flexible anchoring (12-13mmØ lifeline ropes) and as a fastening and positioning mooring component preventing (removing the absorber) reaching the fall point or simply to position oneself with a belt, leaving the hands of the user free.

U. box: 20 Min. order: 1 unit

EN 353-2 Anti-fall devices sliders on flexible anchor line

EN 358 Fastening mooring elements (positioning)



Ref. **1888LVH20SIN**

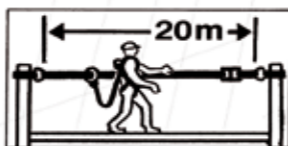
Horizontal Lifeline (Transportable temporary anchoring device)

- Adjustable from 2 (min.) to 20 metres (max.) with automatic carabiners.
- Allows the creation of a horizontal lifeline between two anchor points.
- It adjusts to the precise distance, with the use of its tensioner.
- 35mm wide polyester strap, and automatic carabiners.
- Equipment bag, allows to transport equipment from one site to another, collecting the excess strap once installed, and also for storage.
- Certified for two users.

USES In activities with a risk of falling from a height (roofs, construction site...), allowing the temporary creation of a horizontal anchor point.

U. box: 5 Min. order: 1 unit

EN 795 Anchoring devices acc.



Transportable temporary anchoring device. Anchor strap

- 30mm wide polyamide strap, for the creation of an anchor point.
- Allows the creation of an anchoring point in beams,

Ref. **1888CA1SIN** 100 cm.

Ref. **1888CA2SIN** 200 cm.

USES In activities with a risk of falling from a height, allowing the temporary creation of an anchor point.

U. box: 5 Min. order: 1 unit

EN 795 A Anchoring Device (A: provisional transportable)



Anchor plates for fall protection systems and structural anchors for lifelines, to be fixed to walls (concrete...). Using expansive mechanical fixings (Zinc Plated or Stainless Steel), 12 or 16 mm. Once installed, the Fixing must withstand a static force of 12kN.



Ref. **1888COL12SIN**

Anchoring device for PLX HCR stainless steel harness. COLT12

- Fixing: Diameter 12. Weight: 0.06 kg.

U. box: 150

Min. order: 1 unit

EN 795 A Anchoring Device (A: provisional transportable)



Ref. **1888COL16SIN**

Anchoring device for harness or lifeline in 304 stainless steel. COL O2.16

- Fixing: Diameter 16. Weight: 0.25 kg.

U. box: 75

Min. order: 1 unit

EN 795 A Anchoring Device (A: provisional transportable)



Ref. **1888COGS12SIN**

Anchoring device for harness folded at 45° in 304 stainless steel. COLGS.12

- Ideal due to its large eyelet, for installations of anti-fall systems using poles and large-opening carabiners.
- Fixing: Diameter 12. Weight: 0.26 kg.

U. box: 25

Min. order: 1 unit

EN 795 A Anchoring Device (A: provisional transportable)



Ref. **1888COGS16SIN**

Anchoring device for harness or lifeline in 304 stainless steel. COLGS.16

- Ideal due to its large eyelet, for installations of anti-fall systems using poles and large-opening carabiners.
- Alternative to 1888-COLGS12 for low quality concrete.
- Fixing: Diameter 16. Weight: 0.26 kg.

U. box: 25

Min. order: 1 unit

EN 795 A Anchoring Device (A: provisional transportable)

Expansive mechanical fixings for fixing the anchor plates:

- Zinc plated: For anchors that are not permanent (less than 2 years).
- 304 stainless steel (A2). For permanent anchors.



Ref. **1888FMEC12SIN**

12mm zinc plated

U. box: 150

Min. order: 1 unit

EN 795 A Anchoring Device (A: provisional transportable)

Ref. **1888FMA212SIN**

Stainless steel A2 of 12 mm.

U. box: 50

Min. order: 1 unit

EN 795 A Anchoring Device (A: provisional transportable)

Ref. **1888FMEC16SIN**

16 mm zinc plated

U. box: 100

Min. order: 1 unit

EN 795 A Anchoring Device (A: provisional transportable)

Ref. **1888FMA216SIN**

Stainless steel A2 of 16 mm.

U. box: 50

Min. order: 1 unit

EN 795 A Anchoring Device (A: provisional transportable)



Ref. 1888KITESIN
EKO STEEL Anti-Fall Kit

- Harness with dorsal ring.
- 1 m strap. in length, sewn directly to the harness using 9 safety seams.
- Steel carabiner with screw closure (15mm opening).
- Includes transport nylon bag

USES In activities with risk of falling from a height (retention) in construction, maintenance tasks, industry, assembly, installations...

U. box: 20 Min. order: 1 unit
EN 361 Anti-fall harnesses
EN 354 Mooring elements
EN 362 Connectors

Ref. 1888KIT1SIN
1888ABSIN +1888CU15SIN + (2) 1888MARSIN + 1888WBGSSIN

- STEELSAFE-1 harness with dorsal attachment (1888ABSIN).
- 1.5 metre rope (1888CU-15SIN).
- 2 threaded steel carabiners (1888MARSIN)
- Nylon Bag (1888WBGSSIN).

USES In activities with risk of falling from a height (retention) in construction, maintenance tasks, industry, assembly, installations...

U. box: 12 Min. order: 1 unit
EN 361 Anti-fall harnesses
EN 354 Mooring elements
EN 362 Connectors

Ref. 1888KIT2SIN
1888ABSIN +1888ACISIN + 1888WBGSSIN

- ML-1 harness with dorsal attachment (1888ABSIN)
- Strap with ERGO SHOCK absorber and carabiners (1888ACISIN)
- Nylon Bag (1888WBGSSIN).

USES In activities with risk of falling from a height (retention) in construction, maintenance tasks, industry, assembly, installations...

U. box: 7 Min. order: 1 unit
EN 361 Anti-fall harnesses
EN 362 Connectors

Ref. 1888KIT3SIN
1888ABSIN +1888CURSIN + (2) 1888MARSIN + 1888BAGSIN

- ML-1 harness with dorsal attachment (1888ABSIN)
- 14mmØ rope adjustable from 1 to 2 metres in length, (1888CURSIN)
- 2 threaded steel carabiners (1888MARSIN)
- Oxford fabric backpack (1888BAGSIN).

USES In activities with risk of falling from a height (retention) in construction, maintenance tasks, industry, assembly, installations...

U. box: 7 Min. order: 1 unit
EN 361 Anti-fall harnesses
EN 354 Mooring elements
EN 362 Connectors



Ref. 1888KIT4SIN
1888CPSIN +1888CURSIN + (2) 1888MARSIN + 1888BAGSIN

- DAKOTA belt for positioning work (1888CPSIN).
- 14mmØ rope adjustable from 1 to 2 metres in length, (1888CURSIN)
- 2 threaded steel carabiners (1888MARSIN).

U. box: 1 Min. order: 1 unit
EN 358 Belts and components for fastening and retention

EN 354 Mooring elements
EN 362 Connectors

Ref. 1888KIT5SIN
1888ABFSIN + 1888CURMSIN + 1888BAGSIN

- STEELSAFE-2 harness with dorsal and front attachment (1888ABFSIN).
- Adjustable rope with carabiners (1888CURMSIN)
- Oxford fabric backpack (1888BAGSIN).

U. box: 7 Min. order: 1 unit
EN 361 Anti-fall harnesses
EN 354 Mooring elements

Ref. 1888KIT6SIN
1888ABFSIN + 1888ACGSIN + 1888BAGSIN

- STEELSAFE-2 harness with dorsal and front attachment (1888ABFSIN).
- Strap with ERGO SHOCK absorber and carabiners (1888ACGSIN)
- Oxford fabric backpack (1888BAGSIN).

U. box: 7 Min. order: 1 unit
EN 361 Anti-fall harnesses
EN 362 Connectors

Ref. 1888KIT7SIN
1888ABFSIN + 1888DFASIN + 1888C30SIN + 1888BAGSIN

- STEELSAFE-2 harness with dorsal and front attachment (1888ABFSIN).
- WIND sliding and positioning fall arrest device (1888DFASIN).
- Lifeline rope 30 metres. (1888C30SIN)
- Oxford fabric backpack (1888BAGSIN).

U. box: 1 Min. order: 1 U.
EN 361 Anti-fall harnesses
EN 353-2 Anti-fall devices sliders on flexible anchor line
EN 358 Mooring fastening components



Ref. 1888KIT8SIN
1888ACSIN + 1888CURMSIN + 1888CU15MSIN + 1888BAGSIN

- STEELTEC-1 harness with dorsal and front attachment with positioning belt (1888ACSIN).
- Adjustable rope with carabiners (1888CURMSIN)
- 1.5 metre rope (1888CU15MSIN)
- Oxford fabric backpack (1888BAGSIN).

U. box: 6 **Min. order: 1 unit**

- EN 361 Anti-fall harnesses
- EN 358 Belts and components for fastening and retention
- EN 354 Mooring elements
- EN 362 Connectors



Ref. 1888KIT9SIN
1888ACSIN + 1888CURMSIN + 1888ACISIN + 1888BAGSIN

- STEELTEC-1 harness with dorsal and front attachment with positioning belt (1888ACSIN).
- Adjustable rope with carabiners (1888CURMSIN).
- Strap with ERGO SHOCK absorber and carabiners (1888ACISIN).
- Oxford fabric backpack (1888BAGSIN).

U. box: 6 **Min. order: 1 unit**

- EN 361 Anti-fall harnesses
- EN 358 Belts and components for fastening and retention
- EN 354 Mooring elements
- EN 362 Connectors
- EN 355 Energy absorbers



Ref. 1888KIT10SIN
1888ACSIN + 1888CURMSIN + 1888ACGYSIN + 1888BAGSIN

- STEELTEC-1 harness with dorsal and front attachment with positioning belt (1888ACSIN).
- Adjustable rope with carabiners (1888CURMSIN).
- "Y" strap with ERGO SHOCK absorber and carabiners (1888ACGYSIN).
- Oxford fabric backpack (1888BAGSIN).

U. box: 6 **Min. order: 1 unit**

- EN 361 Anti-fall harnesses
- EN 358 Belts and components for fastening and retention
- EN 354 Mooring elements
- EN 362 Connectors
- EN 355 Energy absorbers



Ref. 1888KIT11SIN
1888ACPLUSSIN + 1888CURMSIN + 1888AEGSIN + 1888BAGSIN

- STEELTEC PRO harness with dorsal and sternal attachment with positioning belt and extension (1888ACPLUSSIN)
- Adjustable rope with carabiners (1888CURMSIN).
- STEEL FLEX Elastic Strap with absorber and carabiners (1888AEGSIN)
- Oxford fabric backpack (1888BAGSIN).

U. box: 1 **Min. order: 1 unit**

- EN 361 Anti-fall harnesses
- EN 358 Belts and components for fastening and retention
- EN 354 Mooring elements
- EN 362 Connectors
- EN 355 Energy absorbers



Ref. 1888KIT12SIN
1888ACPLUSSIN + 1888CURMSIN + 1888AEGYSIN + 1888BAGSIN

- STEELTEC PRO harness with dorsal and sternal attachment with positioning belt and extension (1888ACPLUSSIN).
- Adjustable rope with carabiners (1888CURMSIN)
- "Y" Elastic Strap STEELFLEX with absorbers and carabiners (1888AEGYSIN).
- Oxford fabric backpack (1888BAGSIN).

U. box: 1 **Min. order: 1 unit**

- EN 361 Anti-fall harnesses
- EN 358 Belts and components for fastening and retention
- EN 354 Mooring elements
- EN 362 Connectors
- EN 355 Energy absorbers



Ref. 1888WBGSSIN

Nylon BAG

- Bag for small kits, harnesses, etc...

U. box: 100 **Min. order: 1 unit**



Ref. 1888BAGSIN

Oxford fabric BACKPACK

- Backpack for transporting and storing harnesses, ropes, carabiners, kits, etc.
- Measurements: 35cm high and ø 25 cm

U. box: 20 **Min. order: 1 unit**

Hearing protection





European reference standards. Hearing protection

EN352-1 Earmuffs

EN352-2 Plugs

EN352-3 Earmuffs attached to a protective helmet

EN352-4 Level-dependent earmuffs

All hearing protectors are Noise Exposure Assessment Category 3 of the PPE

Classification

The daily exposure of a worker to noise, equivalent daily level, is expressed in dB(A), a measurement calculated and referred to as 8 hours a day. In workplaces where the equivalent daily level exceeds 80 dB(A), the employer must provide hearing protectors to exposed workers. In workplaces where the equivalent daily level or Peak level exceeds 85 dB(A) respectively, all workers must use hearing protectors, the mandatory use of which will be signalled according to the provisions of RD1316/89

Acoustic attenuation evaluation

The evaluation methods are included in the ISO 4869 standard: The Octave Band method specifies eight decibel attenuation values at eight different frequencies: 63 125 250 1000 2000 4000 6000 8000. The assumed protection values (APVf) are minimum attenuation values of each referenced frequency. These values are obtained by subtracting, for each reference considered, the average attenuation of the protector at High (H) and Low (L) frequencies.

The HML method specifies three attenuation values in decibels, determined from the attenuation per octave band of the protector. The letters HML represent the average attenuation of the protector at High (H), Medium (M) and Low (L) frequencies.

The SNR method specifies a single attenuation value, Simplified Noise Level Reduction. The SNR value indicates the average attenuation of the protector across all frequency bands.










The HML and SNR values are not derived from an arithmetic mean of the assumed protection values of the octave band measurement, but are derived from the application of logarithmic forms indicated in the ISO 4869 standard.










Selection and Use

Avoid over-protection: protectors that provide excessively high noise attenuation should be avoided as this can cause communication problems and make them less comfortable, which will reduce the time the user wears them.

Comfort: the most effective protector is the one that is used continuously. That's why they should be as comfortable as possible. In this way the user is motivated to wear it throughout the entire exposure to noise, a determining factor for real protection. It is advisable that the protector be chosen by the user.

Type of protector: in environments with high temperatures and large accumulation of dust, it is preferable to use ear-plugs, while in situations of repeated exposure to short-term noise, it is preferable to use earmuffs or earplugs with a harness since their placement and removal is faster.

REF.	NOISE LEVEL			OTHER SELECTION CRITERIA					PAGE No.	
	MODERATE	HIGH	VERY HIGH	DISPOSABLE	REUSABLE	WITH CORD	WITHOUT CORD	FOOD INDUSTRY		METALFREE
 1988-TD			●	●		●			●	156
 1988-TDC			●	●			●		●	156
 1988-TRCS		●			●		●		●	157
 1988-TRCE	●				●		●		●	157
 1988-TDDC			●	●			●	●		158
 1988-TRDCS	●				●		●	●		158
 1988-TB	●			●					●	158
 1988-OE	●			●			●	●		159
 1988-OS	●			●			●	●		159

REF.	NOISE LEVEL			OTHER SELECTION CRITERIA					PAGE No.	
	MODERATE	HIGH	VERY HIGH	DISPOSABLE	REUSABLE	WITH CORD	WITHOUT CORD	FOOD INDUSTRY		METALFREE
 1988-OSC		●			●				●	160
 1988-OP			●		●					159
 1988-OC	●				●					160
 1988-OC		●			●					160
 1988-OC		●			●					160
 1988-OJ			●		●			●	●	159
 1988-OZIIN			●		●					161
 1988-OZIIF			●		●					161
 1988-OZIII			●		●				●	161

HEARING PROTECTION



Ref. **1988TDN** Mod. "EAR MAX"
Disposable earplug.

- Polyurethane foam, very high attenuation (34dB).
- Conical hypoallergenic earplugs, very soft and very comfortable, that adapt to most ear canals.
- Dielectric hearing protector, without mechanical components (Metal-free).
- Auto expandable and orange for greater visibility.
- Dispenser of 200 pairs in individual bag.

USES in all types of activities with high noise levels (heavy and metal industry, construction, automotive, workshops, chemical industry, airports...).

Units box: 2,000 **Min. order: 200 units**
SIZE: One-size

EN352-2 Hearing protection. Plugs
SNR= 34 dB (H=33 / M=31 / L=28)

Ref. **1988TDCN** Mod. "EAR MAX"
Disposable earplug with cord.

- Polyurethane foam with cord. Very high attenuation (34dB).
- Conical hypoallergenic earplugs, very soft and very comfortable, that adapt to most ear canals.
- Dielectric hearing protector, without mechanical components (Metal-free).
- Auto expandable and orange for greater visibility.
- Dispenser of 200 pairs in individual bag.

USES in all types of activities with high noise levels (heavy and metal industry, construction, automotive, workshops, chemical industry, airports...).

Units box: 2,000 **Min. order: 200 units**
SIZE: One-size

EN352-2 Hearing protection. Plugs
SNR= 34 dB (H=33 / M=31 / L=28)



Ref. **1988TRCSN** Mod. "FIT EAR"
Reusable earplug with cord.

- Hypoallergenic silicone, very high attenuation (32 dB).
- Washable earplugs, very soft and very comfortable.
- Safety cord to prevent losses and facilitate use.
- Dielectric hearing protector, without mechanical components (Metal-free). Its structure means there is no direct contact with the plugs (greater hygiene).
- Dispenser of 100 pairs in individual storage box with fastening clip.

USES in all types of activities with a moderate noise level (metal industry, construction, automotive, workshops, outdoor work, chemical industry...).

Units box: 1,000 **Min. order: 100 units**
SIZE: One-size

EN352-2 Hearing protection. Plugs
SNR= 32 dB (H=32 / M=29 / L=28)

Ref. **1988TRCEN** Mod. "FIT BASIC"
Reusable earplug with cord.

- Hypoallergenic TPR thermoplastic. Medium attenuation (25dB).
- Washable, soft and highly comfortable earplugs.
- Safety cord to prevent losses and facilitate use.
- Dielectric hearing protector, without mechanical components (Metal-free). Its structure means there is no direct contact with the plugs (greater hygiene).
- Dispenser of 100 pairs in individual storage box with fastening clip.

USES in all types of activities with a moderate noise level (metal industry, construction, automotive, workshops, outdoor work, chemical industry...).

Units box: 1,000 **Min. order: 100 units**
SIZE: One-size

EN352-2 Hearing protection. Plugs
SNR= 25 dB (H=25 / M=22 / L=21)

disposable



reusable



replacement of plugs



Ref. 1988TDDCA
Mod. "EAR MAX TRACK"

Detectable earplug, disposable with cord.

- Polyurethane foam, very high attenuation (37dB).
- Conical hypoallergenic earplugs, very soft and very comfortable, that adapt to most ear canals.
- With a metal element inside, they help with easy location in case of loss.
- Self-expanding and blue in colour for greater visualisation in the industry related to food processing.
- Dispenser of 200 pairs in individual bag.

USES in activities with a high level of noise in the food industry (food processing, food chains, fruit, slaughterhouses, poultry, food maintenance...).

U. box: 2,000 **Min. order: 200 units**
SIZE: One-size

EN352-2 Hearing protection. Earplugs
SNR= 37dB (H=36 / M=35 / L=34)

Ref. 1988TRDCSA
Mod. "FIT TRACK"

Detectable earplug, disposable with cord.

- High attenuation hypoallergenic silicone (33dB).
- Washable, soft and highly comfortable earplugs. Safety cord to prevent losses and facilitate use.
- With a metal element inside, they help with easy location in case of loss.
- Its structure means there is no direct contact with the plugs (greater hygiene).
- Blue plug and cord for greater visualisation in the industry related to food processing.
- Individual storage, transparent for greater hygiene, with fastening clip.
- Dispenser of 100 pairs in a box

USES in activities with a high level of noise in the food industry (food processing, food chains, fruit, slaughterhouses, poultry, food maintenance...).

U. box: 1,000 **Min. order: 100 units**
SIZE: One-size

EN352-2 Hearing protection. Earplugs
SNR= 33 dB (H=34 / M=30 / L=27)

Ref. 1988TBY
Mod. "BANDED"

Earplug with band.

- Polyurethane foam plug with band, low attenuation (20dB).
- Very soft and hypoallergenic plugs.
- Flexible band, very practical and comfortable. There is no direct contact with the plugs (greater hygiene).
- They can be placed behind the neck or under the chin to make it compatible with other types of PPE.
- Dielectric hearing protector, without mechanical components (Metal-free).
- Interchangeable yellow plugs that are easily detectable and visible.

Ref. 1988TBRY

Plug replacement (bags of 200 pairs).

USES in all types of activities with low noise levels (light industry, automotive, workshops, outdoor work...).

U. box: 400 **Min. order: 40 units**
SIZE: One-size

EN352-2 Hearing protection. Earplugs
SNR= 20dB (H=25 / M=15 / L=13)

Ref. 1988OER
Mod. "THUNDER"

medium - high attenuation. (27dB)

- Adjustable in height.
- Dielectric hearing protector, without mechanical components (Metal-free).
- Increased user visibility.
- Angular terminations that generate better sound dispersion behaviour.
- Foldable harness to make its use compatible with helmets, face shields...

USES in all types of activities with moderate noise (light industry, construction, workshops, outdoor work, food...).

U. box: 50 **M. order: 10 units.**
SIZE: One-size

EN352-1 Hearing protection. Earmuffs.
SNR= 27 dB (H= 30 / M= 23 / L= 14)

Ref. 1988OSNE
Mod. "SAMURAI"

medium - high attenuation. (27dB)

- Adjustable in height.
- Excellent combination of comfort and protection.
- Dielectric hearing protector, without mechanical components (Metal-free).

USES in all types of activities with moderate noise (light industry, construction and civil works, electrical maintenance, mining, workshops, chemical industry, fishing...).

U. box: 20 **M. order: 1 unit**
SIZE: One-size

EN352-1 Hearing protection. Earmuffs.
SNR= 27 dB (H=30 / M=23 / L=14)

Ref. 1988OPY
Mod. "THUNDERTRUCK"

very high attenuation. (32dB)

- Adjustable in height.
- Foldable for easy transport and storage.
- Increased user visibility.
- Angular terminations that generate better sound dispersion behaviour.

USES in all types of activities with high noise levels (light and heavy industry, construction, workshops, outdoor work, carpentry...).

U. box: 20 **M. order: 1 unit**
SIZE: One-size

EN352-1 Hearing protection. Earmuffs.
SNR= 32 dB (H=35 / M=30 / L=22)

Ref. 1988OJV
Mod. "JUMBO"

very high attenuation. (33dB)

- Adjustable in height.
- Padded harness for prolonged use and greater comfort.
- Dielectric hearing protector, without mechanical components (Metal-free).
- Increased user visibility.
- Angular terminations that generate better sound dispersion behaviour.

USES in very noisy environments (construction, machine rooms, heavy industry, mining, airports...).

U. box: 20 **M. order: 1 unit**
SIZE: One-size

EN352-1 Hearing protection. Earmuffs.
SNR= 33 dB (H=34 / M=31 / L=24)





Ref. **1988OSCNE**
Mod. "SAMURAI"

Medium attenuation helmet earmuff. (26dB)

- Adjustable in height.
- No metal parts. Excellent combination of comfort and protection.

USES in all types of activities with moderate noise and where the use of an industrial helmet is necessary (light industry, construction and civil works, electrical maintenance, mining, workshops, chemical industry, ports, and in general outdoor work).

Units box: 50 **Min. order: 1 unit**
SIZE: One-size

EN352-3 Hearing protection.
Earmuffs attached to a protective helmet

SNR= 26dB (H=29 / M=23 / L=17)

Ref. **1988OCY**
Mod. "THUNDERSTRUCK"

Medium attenuation helmet earmuff. (26dB)

- Adjustable in height.
- Increased user visibility.
- Angular terminations that generate better sound dispersion behaviour.
- With connector to adapt to helmets with a slot.
- Double rest position (in the absence of noise or to hear conversations or alarm signals) and active position.
- Compatible use with Optech **2188PSCSIN**

USES in all types of activities with moderate noise and where the use of an industrial helmet is necessary (light industry, construction and civil works, electrical maintenance, mining, workshops, chemical industry, ports, and in general outdoor work).

Units box: 60 **Min. order: 1 unit**
SIZE: One-size

EN352-3 Hearing protection.
Earmuffs attached to a protective helmet

SNR=26dB (H=29 / M=24 / L=16)

Ref. **1988OCDA**
Mod. "VOLT"

Helmet earmuff with medium-high attenuation. (27dB)

- Adjustable in height.
- Excellent combination of comfort and protection.
- Dielectric earmuff (does not allow current to pass through the helmet).
- Compatible with the VOLT (Helmet **2088CVBL**, headband **2188ACVSIN** and Visor **2188VVSIN**), forming an exceptional combination for electrical environments.

USES in all types of activities with moderate or high noise and where the use of a helmet is necessary. industrial (light industry, construction and civil works, electrical maintenance, mining, workshops, chemical industry, ports and in general work outside)

Units box: 20 **Min. order: 1 unit**
SIZE: One-size

EN352-3 Hearing protection.
Earmuffs attached to a protective helmet

SNR= 27dB (H=29 / M=25 / L=17)



DIELECTRIC ASSEMBLY
Helmet **2088CVBL**
Headband **2188ACVSIN**
Visor **2188VVSIN**



Ref. **1988OZIINNE**
Série ZEN

Hearing protection with high attenuation. (31dB)

- Highly comfortable ergonomics with foldable harness to save space and with adjustable harness, covered in PU.
- Indicated in environments with high noise levels.
- Lightweight plastic plugs
- High comfort foam pads.
- Very light, only 286g.

USES in very noisy environments (construction, machine rooms, heavy industry, mining, airports...).

Units box: 20 **Min. order: 1 unit**
SIZE: One-size

EN352-1 Hearing protection.
Earmuffs

SNR= 31 dB (H= 33 / M=28 / L= 22)

Ref. **1988OZIIFYF**
Série ZEN

Hearing protection with high attenuation. (31dB)

- Highly comfortable ergonomics with foldable harness to save space and with adjustable harness, covered in PU.
- Indicated in environments with high noise levels.
- Lightweight plastic plugs
- High comfort foam pads.
- Very light, only 286g.

USES in very noisy environments (construction, machine rooms, heavy industry, mining, airports...).

Units box: 20 **Min. order: 1 unit**
SIZE: One-size

EN352-1 Hearing protection.
Earmuffs

SNR= 31 dB (H= 33 / M=28 / L= 22)

Ref. **1988OZIINNE**
Série ZEN

Hearing protection with very high attenuation. (34dB)

- High comfort ergonomics with adjustable dielectric harness to adapt to the size of the user's head. Indicated in environments with very high noise levels.
- Lightweight plastic plugs.
- Height-adjustable POM plastic dielectric harness.
- Foam pads for great comfort.
- Very light, only 310g

USES in very noisy environments (construction, machine rooms, heavy industry, mining, airports...).

Units box: 20 **Min. order: 1 unit**
SIZE: One-size

EN352-1 Hearing protection.
Earmuffs

SNR= 34 dB (H= 35 / M=31 / L= 25)



Ref. **1988OZKHNE**
ZEN series hygiene kit.

Replacement earmuffs:

1988OZIINNE
1988OZIIFYF
1988OZIINNE

Units box: 100 **Min. order: 1 unit**



CATEGORY 2
EN 397
Safety Helmets
for Industry

The helmet must include at least one cap and one harness. Protection against the effect of falling or thrown objects, or moving or suspended loads.

Additional requirements:



CATEGORY 3
EN 50365
Certified helmets for
electrical risk 1.000v

CATEGORY 2
EN 812
Industrial
anti-shock caps

Industrial anti-shock caps serve to protect the wearer's head if the head hits hard and immobile objects.

DO NOT confuse an anti-shock cap with a safety helmet, the risks to be covered are different.

Materials according to their quality and safety provided to the user:

- 1.- ABS
- 2.- POLYETHYLENE (HDPE)
- 3.- POLYETHYLENE (PE)
- 4.- POLYPROPYLENE (PP)



2088BSIN_Elastic chinstrap with chin guard

- Compatible with:
2088CB "STRIKE"
2088CR "ROLLER"
2088CT "THOR"
2088CTV "THOR" (Ventilated)
2088CMV "MOUNTAIN"
2088KFN
2088CVI "VISION"

Units box: 1.000

Min. order: 1 unit

MOD. STRIKE_Helmet with tape closure

- High Density Polyethylene (HDPE).
- Very comfortable and light.
- Plastic inner harness: 4 anchor points and sweatband.
- Standard side slot (3mm) to attach earmuffs or visor adapters.
- Elastic chinstrap with chin guard Ref. **2088BSIN** (optional).
- Indirect ventilation, reduction of temperature and itching.
- One size adjustable with a strap (from 53 to 63 cm).

USES

Activities in which a protective helmet is required for industry (falling objects): construction, public works, industry, mining, maintenance...

Ref. **2088CBA** navy blue

Ref. **2088CBBL** white

Ref. **2088CBY** yellow

Units box: 20

Min. order: 1 unit

SIZE: One-size **CE EN 397** Protective helmets for industry.



Inner harness



Back detail. Adjustment strap



MOD. ROLLER_Roulette closure and textile harness

- High Density Polyethylene (HDPE).
- Very comfortable and light.
- Textile inner harness: 4 anchor points and sweatband.
- Standard side slot (3mm) to attach earmuffs or visor adapters.
- Elastic chinstrap with chin guard Ref. **2088BSIN** (optional).
- Indirect ventilation, reduction of temperature and itching.
- One size adjustable with a strap (from 53 to 63 cm).

USES

Activities in which a protective helmet is required for industry (falling objects): construction, public works, industry, mining, maintenance, work at a height...

Ref. **2088CRBL** white

Ref. **2088CRY** yellow

Ref. **2088CRA** Navy blue

Units box: 20

Min. order: 1 unit

SIZE: One-size **CE EN 397** Protective helmets for industry.



Adjustment by roulette



Textile harness



Ref. **2088KFN_Forestry kit**

- Made of orange polypropylene.
- Closing by roulette. Girth from 55 to 62 cm.
- Plastic interior harness and sweatband. 4 support points.
- Adjustment using a "roller" type roulette.
- Grid visor and adapter for forestry and gardening work.
- Medium attenuation earmuff (SNR 26dB).
- Weight: 700 gr.

OPTIONAL accessories:

- Elastic chinstrap with chin guard Ref. **2088BSIN**
- PVC neck cover for the sun Ref. **2088CNN**

USES

Activities in which a protective helmet is required for industry (falling objects): construction, public works, industry, mining, maintenance, work at a height...

Units box: 12

Min. order: 1 unit

- SIZE: One-size
- CE EN 397** Protective helmets for industry.
 - CE EN 166** Eye protection. General requirements
 - CE EN 1731** Mesh eye and face protectors.
 - CE EN 352-3** Hearing protection. Earmuffs attached to a protective helmet.



Adjustment by roulette



Ref. **2088CNN**
PVC neck cover for the sun



Interior harness



Adjustment by roulette

Interior insulation using straps



MOD. THOR_ Helmet in ventilated ABS

- ABS (thermoplastic with great tenacity, hardness and chemical and impact resistance). Weight: 365 g.
- Resistance to low temperatures (-30°C).
- Roller type roulette closure.
- Textile inner harness: 6 anchor points and sweatband.
- Standard side slot (3mm) earmuffs or visor.
- Elastic chinstrap with chin guard Ref. 2088BSIN (optional).
- One size adjustable with a strap (from 53 to 63 cm).

USES

Activities in which a protective helmet is required for industry (falling objects), such as construction, public works, industry, maintenance, tunnels....

Ref. **2088CTVBL** white

Units box: 20

Min. order: 1 unit

SIZE: One-size **EN 397** Protective helmets for industry.



Ergonomics and lightness

MOUNTAIN

Helmet made of ABS, a thermoplastic that absorbs an enormous amount of energy before breaking, even at very low temperatures.



Reinforced interior thermal insulation



Reinforced interior thermal insulation



MOD. MOUNTAIN_ ABS and 6-point textile harness

- ABS (thermoplastic with great tenacity, hardness and chemical and impact resistance). very good resistance to abrasion.
- Forked chinstrap with silicone chin guard included **2088BCMSIN**
- Rear reflective element to increase user visibility.
- Short visor for work at a height and confined spaces.
- Roller type roulette closure.
- Textile inner harness: 6 anchor points and sweatband.
- Thermal insulation, expanded polyethylene interior foam.
- Standard side slot (3mm) earmuffs or visor.
- One size adjustable with a strap (from 53 to 63 cm).

USES

Activities in which a protective helmet is required for industry (falling objects): construction, public works, industry, mining, maintenance, work at a height...

Ref. **2088CMVBL** white

Ref. **2088CMVY** yellow

Ref. **2088CMVA** navy blue

Units box: 20

Min. order: 1 unit

SIZE: One-size **EN 397** Protective helmets for industry.



MOD. VOLT_ Electrically Insulating item

- Made of ABS, hardness, chemical and impact resistance.
- Roller type roulette closure, contour from 53 to 66 cm.
- Short visor for work at a height.
- Textile interior harness with sweatband, 6 anchor points, and padding.
- Standard slit (3 mm) to attach hearing protection earmuffs or visor.
- Forked chinstrap with foam chin guard. **2088BVSIN**
- Weight: 300 g.

Optional resistances overcome:

- Low temperatures (-30°C).
- Molten metal splashes (MM).
- Electric (440V). Class 0 up to 1000 V (alternating current) or 1500 V (direct current)
- To flames: Application for 10 s, propane flame.

USES

activities where, in addition to protection for the industry (falling objects), it is necessary to isolate the user's head from possible low-voltage electrical contacts.

Ref. **2088CVBL** white

Units box: 20

Min. order: 1 unit

SIZE: One-size

EN 397 Protective helmets for industry.

EN 50365 Electrically insulating helmets for low voltage installations. Class 0.



Inner harness

Dielectric set



MOD. THOR_ Electrically Insulating item

- Made of ABS, hardness, chemical and impact resistance.
- Roller type roulette closure, contour from 53 to 66 cm.
- Inner textile harness with sweatband, 6 anchor points.
- Standard slit (3 mm) to attach hearing protection earmuffs or visor.
- Elastic chinstrap with chin guard Ref. **2088BSIN** (optional).
- Weight: 395 g.

Optional resistances overcome:

- Resistance to low temperatures (-30°C).
- Resistance to molten metal splashes (MM).
- Electrical resistance (440V).

USES

activities where, in addition to protection for the industry (falling objects), it is necessary to isolate the user's head from possible low-voltage electrical contacts.

Ref. **2088CTBL** white

Ref. **2088CTY** yellow

Ref. **2088CTA** navy blue

Ref. **2088CTR** red

Ref. **2088CTV** green

Units box: 20

Min. order: 1 unit

SIZE: One-size

EN 397 Protective helmets for industry.

EN 50365 Electrically insulating helmets for low voltage installations. Class 0.



Roller type roulette closure

Inner harness



MOD. VISION_ Electrically Insulated with retractable visor

- Made of ABS, hardness, chemical and impact resistance.
- Retractable polycarbonate visor with silicone nose bridge and increased resistance (S). Optics class 1.
- Roller type roulette closure, contour from 52 to 63 cm.
- Inner textile harness with sweatband, 6 anchor points.
- Standard slit (3mm) earmuffs for hearing protection.
- Short visor and chinstrap for work at a height.
- Elastic chinstrap with chin guard Ref. **2088BSIN** (optional).
- Weight: 395 g.

Optional resistances overcome:

- Resistance to low temperatures (-30°C).
- Resistance to molten metal splashes (MM).
- Electrical resistance (440V).

USES

activities where, in addition to protection for the industry possible low voltage electrical contacts and protect eyes from impacts.

Ref. **2088CVIBL** white

Units box: 20

Min. order: 1 unit

SIZE: One-size

EN 397 Protective helmets for industry.

EN 166 Eye protection. General requirements.

EN 50365 Electrically insulating helmets for low voltage installations. Class 0.



Roller type roulette closure

Inner harness





MOD. EOLO_ Helmet for work at a height. Electrically insulating

- Made of ABS, hardness, chemical and impact resistance.
- Roller type roulette closure, contour from 52 to 63 cm.
- Short visor for work at a height.
- Inner textile harness with sweatband, 6 anchor points. Adjustment using a "roller" type roulette.
- Standard slot (3 mm) to attach hearing protection earmuffs.
- Forked chinstrap with silicone chin guard. **2088BCM**
- Weight: 350 g.
- Resistance to low temperatures (-30°C).

USES

activities where, in addition to protection for the industry (falling objects), it is necessary to isolate the user's head from possible low-voltage electrical contacts. Specially designed for work at a height.

Ref. **2088CEBL** white

Ref. **2088CER** red

Ref. **2088CENE** black

Ref. **2088CEAM** navy blue

Units box: 20

Min. order: 1 unit

SIZE: One-size **CE EN 397** Protective helmets for industry.

CE EN 50365 Electrically insulating helmets for low voltage installations. Class O.



Inner harness



MOD. BUMPER_ Anti-shock protection cap

- 100% cotton baseball type.
- ABS inner cap. Very resistant to impact and with great energy absorption capacity even at low temperatures) with pad.
- One size adjustable with Velcro (from 54 to 59 cm).

USES Activities in which a protective helmet is not required for industry (falling objects), but where there is a risk of hitting the head against hard and immobile objects (shelves, projections, transport, fixed tools...).

Ref. **2088GPG** grey

Ref. **2088GPNE** black

Ref. **2088GPBL** white

Ref. **2088GPV** green

Ref. **2088GPR** red

Ref. **2088GPA** navy blue

Units box: 60

Min. order: 1 unit

SIZE: One-size **CE EN 812** Impact helmets for industry work.



MOD. BUMPER PRO_ Anti-shock protection cap with side ventilation

- Baseball type with mesh ventilation.
- ABS inner shell with EVA inner pad.
- One size adjustable with Velcro (from 58 to 63 cm).

USES Activities in which a protective helmet is not required for the industry (falling objects), but where there is a risk of hitting the head against hard and immobile objects.

Ref. **2088GPPROAM** navy blue

Units box: 60

Min. order: 1 unit

SIZE: One-size **CE EN 812** Impact helmets for industry work.

MOD. BUMPER PRO_ Anti-shock protection cap with side ventilation

- Baseball type with mesh ventilation. Short visor.
- ABS inner shell with EVA inner pad.
- One size adjustable with Velcro (from 58 to 63 cm).

USES

Activities in which a protective helmet is not required for the industry (falling objects), but there is a risk of hitting the head against hard and immobile objects.

Ref. **2088GPPROCAM** navy blue

Units box: 60

Min. order: 1 unit

SIZE: One-size **CE EN 812** Impact helmets for industry work.



MOD. BUMPER PRO_ Anti-shock protection cap with side ventilation. High visibility

- Baseball type with mesh ventilation.
- Reflective bands on both sides.
- ABS inner shell with EVA inner pad.
- One size adjustable with Velcro (from 58 to 63 cm).

USES Activities in which a protective helmet is not required for the industry (falling objects), but where there is a risk of hitting the head against hard and immobile objects.

Ref. **2088GPPAVYF** fluorescent yellow

Ref. **2088GPPAVNF** fluorescent orange

Units box: 60

Min. order: 1 unit

SIZE: One-size **CE EN 812** Impact helmets for industry work.

Eye protection



Main occupational risks for the eyes



MECHANICAL AND CHEMICAL RISKS: EN166

The EN 166 standard defines the basic requirements that eye protectors must meet, in relation to visual field, optical requirements, solidity, resistance to aging, corrosion and ignition.

One of these requirements is solidity. There is a minimum solidity that only filter covers and eyepieces with a filtering effect must meet.

Depending on the certified field of use, they provide protection against:

- Impacts of different intensity
- Optical radiation
- Molten metals and hot solids
- Drops and splashes
- Powder
- Gases
- Short circuit electric arcs

Resistance to the impact of particles at high speed implies that the eye protector withstands the impact of a steel ball of a mass of 0.86 g at different speeds depending on the energy level:

- F** Low energy impacts (F): v = 45 m/s
- B** Impacts at medium energy (B): v = 120 m/s. .
- A** High energy impacts (A): v = 190 m/s. .
- S** Increased solidity
- +T** Extreme temperature (**FT, BT, AT**)



UNE-EN170:2003 UV filters.

All classes are designated with the **code number 2 -**, followed by the protection class number. In tasks where colour recognition is required, UV filters with **enhanced colour recognition, marked 2C** - followed by the protection class, are recommended.

Eyepiece options:

Optical class: The eyepieces can be of optical class 1, 2 or 3. Class 1 is the best optically. Class 3 allows greater deviations and is recommended for use for short periods of time.

Resistance to surface deterioration by fine particles certified. Marked with a **K symbol** on the eyepieces.

Certified fog resistance.

Marked with an **N symbol** on the eyepieces.

RADIATION RISKS

 **EN 170**
ULTRA VIOLET RADIATION

Eyepiece tinting: FAINT

 **EN 172**
SOLAR RADIATION

Eyepiece tinting: GREY





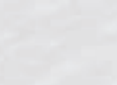

 **EN 169 / 171**
INFRARED RADIATION

Eyepiece tinting: GREEN











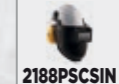

- MECHANICAL STRENGTH STANDARD MANUFACTURER
- FILTER TYPE
- MANUFACTURER
- OPTICAL QUALITY
- MECHANICAL STRENGTH
- ADDITIONAL REQUIREMENTS



REF.	MECHANICAL AND CHEMICAL RISK		RADIATION RISK		OTHER CRITERIA		PAGE No.
	PARTICLE PROJECTION	LIQUID DROPS	ULTRAVIOLET (UV)	SOLAR RADIATION	ANTI-ABRASION TREATMENT	ANTI-FOG TREATMENT	
 2188GCSIN	●		●		●	●	178
 2188GCSIN	●			●	●	●	178
 2188GCBSIN	●		●		●	●	179
 2188GCASIN	●		●		●	●	179
 2188GLCSIN	●		●		●	●	179
 2188GLGSIN	●			●	●	●	179
 2188GTACSIN	●		●		●	●	180
 2188GICSIN	●		●		●	●	181
 2188GTALCSIN	●		●		●	●	181
 2188GBCSIN	●		●		●	●	181
 2188GYCSIN	●		●		●	●	181
 2188GACSIN	●		●		●	●	182
 2188GYOCSIN	●		●		●	●	182

REF.	MECHANICAL AND CHEMICAL RISK		RADIATION RISK		OTHER CRITERIA		PAGE No.
	PARTICLE PROJECTION	LIQUID DROPS	ULTRAVIOLET (UV)	SOLAR RADIATION	ANTI-ABRASION TREATMENT	ANTI-FOG TREATMENT	
 2188GXCSIN	●		●		●	●	182
 2188GOCSIN	●		●		●	●	182
 2188GSICSIN	●		●		●	●	183
 2188GRGSIN	●			●	●	●	183
 2188GZSIN	●		●		●	●	183
 2188GUPSIN	●			●	●	●	183
 2188GPGSIN	●			●	●	●	183
 2188GDSIN	●	●			●	●	184
 2188GSSIN	●		●		●	●	184
 2188GSGSIN	●			●	●	●	184
 2188GSFSIN	●		●		●	●	185
 2188SGFSIN	●			●	●	●	185
 2188GSCSIN	●		●		●	●	185
 2188GSPGSIN	●			●	●	●	186
 2188GSPEIN	●			●	●	●	186

REF.	MECHANICAL AND CHEMICAL RISK				RADIATION RISK			OTHER CRITERIA			PAGE No.
	PARTICLE PROJECTION	LIQUID DROPS	DUST, COARSE PARTICLES	MOLTEN METALS AND HOT SOLIDS	ULTRAVIOLET (UV)	SOLAR RADIATION	INFRARED (IR) WELDING	ANTI-ABRASION TREATMENT	ANTI-FOG TREATMENT	COMPATIBILITY OF PRESCRIPTION GLASSES	
 2188GLSIN	●				●			●	●		186
 2188GLGSIN	●					●		●	●		186
 2188GNSIN	●				●			●			187
 2188GNASIN	●				●			●	●		187
 2188NGNSIN	●					●		●	●		187
 2188GNVSIN	●						●	●			187
 2188GVC SIN	●				●			●	●	●	188
 2188GVCVSIN	●						●	●	●	●	188
 2188GVESIN	●				●			●	●	●	188
 2188GIX8SIN	●	●						●	●	●	190
 2188GIX8PSIN	●	●	●		●			●	●	●	190
 2188GIX10SIN	●	●	●		●			●	●	●	190
 2188GIX9SIN	●		●					●	●	●	190

REF.	MECHANICAL AND CHEMICAL RISK				RADIATION RISK			OTHER CRITERIA			PAGE No.
	PARTICLE PROJECTION	LIQUID DROPS	DUST, COARSE PARTICLES	MOLTEN METALS AND HOT SOLIDS	ULTRAVIOLET (UV)	SOLAR RADIATION	INFRARED (IR) WELDING	ANTI-ABRASION TREATMENT	ANTI-FOG TREATMENT	COMPATIBILITY OF PRESCRIPTION GLASSES	
 2188GIX7	●	●	●		●			●	●		191
 2188GIX6SIN	●	●	●	●				●	●	●	191
 2188GIESIN	●		●	●						●	192
 2188GIASIN	●	●	●	●					●	●	192
 2188GISSIN	●						●	●	●		192
 2188VRC SIN	●				●			●		●	193
 2188VRV5SIN	●						●	●		●	193
 2188VVSIN	●	●								●	194
 2188PFSIN	●	●								●	195
 2088KFN	●									●	195
 2188PSSIN	●	●		●			●			●	196
 2188PSCSIN	●	●		●			●			●	196
 2188PSE	●	●		●			●			●	196

Universal frame safety glasses **CARBON SERIES**

High-tech glasses.

Ergonomic wrap-around design, very comfortable and light, with soft nose bridge for prolonged use. Eyepiece with certified "Premium" treatment.

Resistance to surface deterioration by fine particles K (longer duration and quality of vision) and Resistance to fogging N.



Ref. **2188GCSIN**
Colourless eyepiece

- **Anti-scratch**
 - **Anti-fog**
- Mechanical risks (projections)
Radiation risks (ultraviolet UV)
Very light (22g). Excellent optical quality (Class 1).

USES In all types of activities with risks of projections (metal, wood, stone), construction, and manufacturing in general.

Units Box: 72 **Min. order: 12 units**

EN 166 Eye protection. General requirements

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 UV protect.). Good colour recognition.

F KN



Ref. **2188GCGSIN**
Grey eyepiece

- **Anti-scratch**
 - **Anti-fog**
- Mechanical risks (projections)
Radiation risks (sunlight)
Very light (22g). Excellent optical quality (Class 1).

USES In all types of activities with risks of projections (metal, wood, stone), construction, and manufacturing in general.

Units Box: 72 **Min. order: 12 units**

EN 166 Eye protection. General requirements

EN 172 Eye protection. Solar filters for work use. Class 5-2.5 (sun protection grade 2.5).

F KN



Ref. **2188GCBSIN**
"Blue-Blocker" Brown eyepiece

- **Anti-scratch**
 - **Anti-fog**
 - **"BLA" (Blue Light Absorbing) technology**
- Mechanical risks (projections)
Radiation risks (ultraviolet UV)
Very light (22g). Excellent optical quality (Class 1).

USES projections and especially work with blue light produced by Computers, LED lights, screens and fluorescent lights, tablets...

Units Box: 72 **Min. order: 1 unit**

EN 166 Eye protection. General requirements

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.4 UV protect.). Good colour recognition.

F KN

universal frame **STEELPRO SAFETY**



Ref. **2188GCASIN**
Yellow eyepiece

- **Anti-scratch**
 - **Anti-fog**
- Mechanical risks (projections)
Radiation risks (ultraviolet UV)
Very light (22g). Excellent optical quality (Class 1).

USES Risks of projections and especially works that, due to environmental conditions (fog, rain, smoke...), require a substantial improvement in vision. The yellow eyepiece provides increased sharpness, contrast and details.

Units Box: 72 **Min. order: 1 unit**

EN 166 Eye protection. General requirements

EN 170 Eye protection. UV filters Class 2-1.2 (UV protection).

F KN

LITIO SERIES

Flexible legs, EVA interior foam (removable) and soft, non-slip rubber nose bridge.



Ref. **2188GLICSIN**
Colourless eyepiece

- **Anti-scratch**
- **Anti-fog**
- **Protection ultraviolet UV filters**
- **Removable EVA interior foam**

Seals the glasses, preventing particles from entering. Absorption of impacts, reducing the energy of the blow.

Units Box: 250 **Min. order: 10 units**

EN 166 Eye protection. General requirements

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 (UV protection). Good colour recognition

FT



Ref. **2188GLIGSIN**
Grey tone eyepiece

- **Anti-scratch**
- **Anti-fog**
- **Protection ultraviolet UV filters**
- **Removable EVA interior foam**

Seals the glasses, preventing particles from entering. Absorption of impacts, reducing the energy of the blow.

Units Box: 250 **Min. order: 10 units**

EN 166 Eye protection. General requirements

EN 172 Eye protection. Solar filters for work use. Class 5-3.1 (sun protection grade 3.1).

FT

Universal frame safety glasses **TITANIUM SERIES**

High-tech glasses.
Ergonomic wraparound design,
comfortable and lightweight, with soft
rubber nose bridge, ventilated and
non-slip.

Eyepiece with certified "Premium"
treatment. Resistance to surface
deterioration due to fine particles K
(longer durability and quality of
vision) and resistance to fogging



with soft rubber nose bridge,
ventilated and non-slip.

Ergonomics. Wrap-
around design and very
lightweight.

Eyepiece with certified "Premium" treatment:
Resistance to surface deterioration due to fine
particles K (longer durability and quality of
vision) and resistance to fogging (N).

Ref. **2188GTACSIN** Colourless eyepiece


- Anti-scratch
- Anti-fog
- Anthracite coloured structure

Mechanical risks (projections)
Radiation risks (ultraviolet UV).

USES In all types of activities with risks of projections
(metal, wood, stone), construction, and manu-
facturing in general.

Units Box: 144 **Min. order: 12 units**

 **EN 166** Eye protection. General requirements

 **EN 170** Eye Protection. Ultraviolet Filters (UV). Class 2C-1.2
(UV Protection). Good colour recognition.

F KN



**METAL
Free**

Ref. **2188GICSIN** Mod. "IRIDIO" Colourless eyepiece


- Anti-scratch
- Anti-fog
- Without metallic elements (Metal Free)

Mechanical risks (projections)
Radiation risks (ultraviolet UV).

USES In all types of activities with risks of projections
(metal, wood, stone), construction, and manu-
facturing in general.

Units Box: 144 **Min. order: 12 units**

 **EN 166** Eye protection. General requirements

 **EN 170** Eye protection. Ultraviolet (UV) filters. Class 2C-1.2
(UV protection). Good colour recognition.

FT




Ref. **2188GBCSIN** Mod. "BARIO" Colourless eyepiece

- Anti-scratch
- Anti-fog
- Transparent flexible legs
- Protection against ultraviolet UV radiation
- Removable EVA interior foam

Seals the glasses, preventing particles from entering. Absorp-
tion of possible impacts, reducing the energy of the blow.
Mechanical risks (projections) Radiation risks (ultraviolet UV).

Units Box: 250 **Min. order: 12 units**

 **EN 166** Eye protection. General requirements

 **EN 170** Eye protection. Ultraviolet (UV) filters. Class 2C-1.2
(UV protection). Good colour recognition.

F

universal frame **STEELPRO
SAFETY**




Ref. **2188GTALCSIN** Mod. "TALIO" Colourless eyepiece

- Anti-scratch
- Anti-fog
- Flexible legs

Wide field of vision.

Units Box: 300 **Min. order: 12 units**

 **EN 166** Eye protection. General requirements

 **EN 170** Eye protection. Ultraviolet (UV) filters. Class 2C-1.2
(UV protection). Good colour recognition.

FT



Ref. **2188GYCSIN** Mod. "YTRIO (WOMAN)" Colourless eyepiece


- Anti-scratch
- Anti-fog
- Designed especially for women
- Soft rubber nose bridge
- Pivoting legs (allow tilt)

Mechanical risks (projections)
Radiation risks (ultraviolet UV).

USES In all types of activities with risks of projections (metal,
wood, stone), construction, and manufacturing in general.

Units Box: 300 **Min. order: 12 units**

 **EN 166** Eye protection. General requirements

 **EN 170** Eye protection. Ultraviolet (UV) filters. Class 2C-1.2
(UV protection). Good colour recognition.

FT



Ref. **2188GACSIN** Mod. "ARGON"
Colourless eyepiece

- Anti-scratch
 - Anti-fog
 - Protection against ultraviolet UV filters
- With flexible legs.
Wide field of vision.

Units Box: 300 Min. order: 12 units

- EN 166 Eye protection. General requirements
- EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 (UV protection). Good colour recognition.

F N



Ref. **2188GYOCSIN** Mod. "YODO"
Colourless eyepiece

- Anti-scratch
- Anti-fog
- Dual: It can be used as universal frame glasses (legs) or as integral frame glasses (adjustable strap).

Interior foam in EVA (very light and flexible material, with great capacity to absorb impacts). Absorption of possible impacts, reducing the energy of the blow.
Adjustable optical insert. Allows it to be incorporated into the glasses once graduated eyepieces have been inserted.

Units Box: 300 Min. order: 12 units

- EN 166 Eye protection. General requirements
- EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 (UV protection). Good colour recognition.

F N



Ref. **2188GSICSIN**
Mod. "SILICIO"
Colourless eyepiece

- Anti-scratch
 - Anti-fog
 - Wide field of vision
- Mechanical risks (projections)
Radiation risks (ultraviolet UV).

Units Box: 300 Min. order: 12 units

- EN 166 Eye protection. General requirements
- EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 (UV protection). Good colour recognition.

F



Ref. **2188GRGSIN**
Mod. "RUNNER"
Grey tone eyepiece

- Anti-scratch
 - Anti-fog
 - Length-adjustable legs
- Protection lens against solar radiation.

Units Box: 300 Min. order: 12 units

- EN 166 Eye protection. General requirements
- EN 172 Eye protection. Solar filters for work use. Class 5-3.1 (sun protection grade 3.1).

F



Ref. **2188GZSIN**
Mod. "ZOOM"
Colourless eyepiece

- Anti-scratch
 - Anti-fog
 - Flexible legs and nose bridge
- Wide field of vision.

Units Box: 300 Min. order: 12 units

- EN 166 Eye protection. General requirements
- EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2

F



Ref. **2188GXCSIN** Mod. "XENON"
Colourless eyepiece

- Anti-scratch
- Anti-fog
- Transparent flexible legs
- Protection against ultraviolet UV filters
- Removable EVA interior foam

Seals the glasses, preventing particles from entering. Absorption of possible impacts, reducing the energy of the blow.
Mechanical risks (projections) - Radiation risks (ultraviolet UV).

Units Box: 360 Min. order: 12 units

- EN 166 Eye protection. General requirements
- EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 (UV protection). Good colour recognition.

F



Ref. **2188GOCSIN** Mod. "OSMIO"
Colourless eyepiece

- Anti-scratch
- Anti-fog
- Transparent flexible legs
- Protection against ultraviolet UV filters
- Removable EVA interior foam

Seals the glasses, preventing particles from entering. Absorption of possible impacts, reducing the energy of the blow.
Mechanical risks (projections) - Radiation risks (ultraviolet UV).

Units Box: 250 Min. order: 10 units

- EN 166 Eye protection. General requirements
- EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 (UV protection). Good colour recognition.

F



Ref. **2188GUPSIN** Mod. "URANIO"
Grey tone eyepiece

- Anti-scratch
 - Anti-fog
 - Eliminates reflections and glare
- Mechanical risks (projections)
Radiation risks (ultraviolet UV).

USES In all types of activities, both outdoors, work related to sheet metal, machinery, agriculture, painting and decoration, maintenance work, paving, work with high light, work in the snow, in water (platforms, fishing, water sports, ports...).

Units Box: 300 Min. order: 12 units

- EN 166 Eye protection. General requirements
- EN 172 Eye protection. Solar filters for work use. Class 5-3.1 (sun protection grade 3.1).

F



Ref. **2188GPGSIN** Mod. "PATROL"
Grey tone eyepiece

- Anti-scratch
- Anti-fog
- Length-adjustable legs

Self-adaptive ergonomic curved design based on the anatomy of the frontal area of the head.

Units Box: 300 Min. order: 12 units

- EN 166 Eye protection. General requirements
- EN 172 Eye protection. Solar filters for work use. Class 5-3.1 (sun protection grade 3.1).

F



Ref. **2188GDSIN** Mod. "DUAL"
Colourless eyepiece

- Anti-scratch
- Anti-fog
- Dual: integral frame or universal frame

Mechanical risks (projections)
Impact of particles at high speed and low energy (F). Compact and sporty design, comfortable and light, can be used as universal glasses (with legs, included), or as integral glasses (silicone eye cavity, and elastic band). Impact of particles at high speed and low energy (F). Indirect ventilation through micro-grooves to reduce condensation.
Excellent optical quality (Class 1).

Units Box: 300 **Min. order: 12 units**

EN 166 Eye protection. General requirements

(universal f.) F / (integral f.) F 3



SPY line

Single lens wraparound eyeglasses



Ref. **2188GSSIN** Colourless eyepiece

- Anti-scratch
- Mechanical risks (projections).
Wraparound design, very comfortable and with side protection.

Units Box: 360 **Min. order: 12 units**

EN 166 Eye protection. General requirements

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 (UV protection with good recognition of colours).

F



Ref. **2188GSGSIN** Grey tone eyepiece

- Anti-scratch
- Mechanical risks (projections). Radiation risks (sunlight).
Wraparound design, very comfortable and with side protection.

Units Box: 360 **Min. order: 12 units**

EN 166 Eye protection. General requirements

EN 172 Eye protection. Solar filters for work use. Class 5-3.1 (sun protection grade 3.1).

F

SPY FLEX line

Single lens wraparound eyeglasses and flexible legs



Ref. **2188GSFSIN** Colourless eyepiece

- Anti-scratch
- Anti-fog
- Flexible legs

Mechanical risks (projections).
Wraparound design, very comfortable and with side protection.

Units Box: 360 **Min. order: 12 units**

EN 166 Eye protection. General requirements

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2 (UV protection with good recognition of colours).

F



Ref. **2188GSFSGSIN** Grey tone eyepiece

- Anti-scratch
- Anti-fog
- Flexible legs

Mechanical risks (projections). Radiation risks (sunlight).
Wraparound design, very comfortable and with side protection

Units Box: 360 **Min. order: 12 units**

EN 166 Eye protection. General requirements

EN 172 Eye protection. Solar filters for work use. Class 5-3.1 (sun protection grade 3.1).

F

SPY CITY line

Clear single lens wraparound eyeglasses and flexible legs.



Ref. **2188GSCSIN** Clear eyepiece

- Anti-scratch
- Anti-fog
- With flexible leg-pieces

Mechanical risks (projections).
Radiation risks (UV Ultraviolet).
Ultra-light (19 grams). Sporty design

Units Box: 360 **Min. order: 12 units**

EN 166 Eye protection. General requirements

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2

F



SPY PRO line

Single lens wraparound eyeglasses and flexible legs.



Ref. **2188GSPGSIN** Grey tone eyepiece

- Anti-scratch
- Anti-fog
- With flexible leg-pieces

Mechanical risks (projections). Radiation risks (UV Ultraviolet). Wraparound design, very comfortable and with side protection. Flexible hypoallergenic silicone legs for greater comfort and prolonged use.

Units Box: 300 Min. order: 12 units

EN 166 Eye protection. General requirements

EN 172 Eye protection. Solar filters for work use. Class 5-3.1 (sun protection grade 3.1).

F

Ref. **2188GSPESIN** Grey tone mirror eyepiece

- Anti-scratch
- Anti-fog
- With flexible leg-pieces

Mechanical risks (projections). Radiation risks (extreme sunlight or heat sources). Wraparound design, very comfortable and with side protection. Flexible hypoallergenic silicone legs for greater comfort and prolonged use.

Units Box: 360 Min. order: 12 units

EN 166 Eye protection. General requirements

EN 172 Eye protection. Solar filters for work use. Class 5-3.1 (sun protection grade 3.1).

F

LYNXT line

Panoramic glasses, with adjustable legs in length, pivoting eyepiece and nose bridge made of soft and smooth material.



Ref. **2188GLSIN** Colourless eyepiece

- Anti-scratch
- Anti-fog
- Length-adjustable legs
- Single lens with wide field of vision.
- Protection against ultraviolet UV filters.

Mechanical risks (projections). Radiation risks (UV Ultraviolet). Ultra-light (30 grams).

USES In all types of activities with risks of projections (metal, wood, stone), construction, agriculture and manufacturing in general.

Units Box: 300 Min. order: 12 units

EN 166 Eye protection. General requirements

EN 170 Protection des yeux. Filtres pour l'ultraviolet (UV). Classe 2-1.2.

FT

Ref. **2188GLGSIN** Grey tone eyepiece

- Anti-scratch
- Anti-fog
- Length-adjustable legs.
- Single lens with wide field of vision.

Mechanical risks (projections). Radiation risks (UV Ultraviolet). Ultra-light (30 grams).

USES In all types of activities with risks of projections (metal, wood, stone), construction, agriculture and manufacturing in general.

Units Box: 300 Min. order: 12 units

EN 166 Eye protection. General requirements

EN 172 Eye protection. Solar filters for work use. Class 5-2 (sun protection grade 2).

FT

NITRO line

Panoramic eyeglasses, with length-adjustable legs.



Ref. **2188GNSIN** Colourless eyepiece

Ref. **2188GNASIN** Colourless eyepiece ANTI-FOG

- Anti-scratch
- Anti-fog (2188GNASIN)
- Length-adjustable legs
- Single lens with wide field of vision

Mechanical risks (projections). Radiation risks (UV Ultraviolet).

Units Box: 360 Min. order: 12 units

EN 166 Eye protection. General requirements

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2C-1.2

F



Ref. **2188GNVSIN** Green tone eyepiece

- Anti-scratch
- Anti-fog
- Green welding protection lens grade 5
- Length-adjustable legs
- Single lens with wide field of vision.

Mechanical risks (projections).

Units Box: 360 Min. order: 12 units

EN 166 Eye protection. General requirements

EN 169 Filters for welding and related techniques.

F

Ref. **2188GNGSIN** Grey tone eyepiece

- Anti-scratch
- Anti-fog
- Length-adjustable legs
- Single lens with wide field of vision

Mechanical risks (projections). Radiation risks (sunlight).

Units Box: 360 Min. order: 12 units

EN 166 Eye protection. General requirements

EN 172 Eye protection. Solar filters for work use. Class 5-2.5 (sun protection grade 2.5).

F

CLARENCE line

Visitor type glasses / panoramic glasses cover, with adjustable legs in length and pivoting eyepiece.



Ref. **2188GVCSIN** Colourless eyepiece

- Anti-scratch
- Anti-fog
- Length-adjustable legs

Mechanical risks (projections)
Radiation risks (UV Ultraviolet).
Ultra-light (38 grams).

USES In all types of activities with risk of projections (metal, wood, stone), visits to factories and industries, construction and manufacturing in general.

Units Box: 300 **Min. order: 12 units**

EN 166 Eye protection. General requirements

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2-1.2 (UV protection).

F

Ref. **2188GVCVSIN** Green tone eyepiece IR 5.0

- Anti-scratch
- Anti-fog
- Length-adjustable legs

Mechanical risks (projections)
Radiation risks (UV Ultraviolet).
Ultra-light (38 grams).

USES In welding processes (oxycutting and oxyacetylene) grade 5.0.

Units Box: 300 **Min. order: 12 units**

EN 166 Eye protection. General requirements

EN 171 Eye protection. Infrared filters. Class 4-5 (IR Protection Grade 5).

F



Ref. **2188GVESIN** Mod. "VISITOR" Colourless eyepiece

- Anti-scratch
- ergonomics
- Side ventilation

Mechanical risks (projections)
Radiation risks (UV Ultraviolet).

Units Box: 360 **Min. order: 12 units**

EN 166 Eye protection. General requirements

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2-1.2 (UV protection).

F





Ref. **2188GIX8SIN** Mod. "X8"
Colourless eyepiece

- **Anti-abrasion**
- **Anti-fog**
- 180° panoramic polycarbonate PVC structure.
- Mechanical risks (projections, liquid splashes -3).
- Ergonomic design, with co-injected structure.
- Interior reinforcement structure to prevent the entry of liquids.
- Impact of particles at high speed and medium energy (B).
- Indirect ventilation to reduce condensation.
- Compatible with most prescription glasses.
- Excellent optical quality (Class 1).

USES In all types of activities with projectile risks (metal, wood, stone...), jobs with chemical risks (paints...etc.).

Units Box: 120 **Min. order: 12 units**

EN 166 Eye protection. General requirements

B 3 4



Ref. **2188GIX8PSIN** Mod. "X8 PRO"
Colourless eyepiece

- **Anti-abrasion**
- **Anti-fog**
- 180° panoramic polycarbonate PVC structure.
- Mechanical risks (projections, liquid splashes -3).
- Ergonomic design, with co-injected structure.
- Interior reinforcement structure to prevent the entry of liquids.
- Impact of particles at high speed and medium energy (B).
- Indirect ventilation to reduce condensation.
- Compatible with most prescription glasses.
- Excellent optical quality (Class 1).

USES In all types of activities with projectile risks (metal, wood, stone...), jobs with chemical risks (paints...etc.).

Units Box: 120 **Min. order: 12 units**

EN 166 Eye protection. General requirements

EN 170 Eye protection. Ultraviolet (UV) filters. Class 2-1.2 (UV protection).

B 3 4 N



Integral glasses for mechanical risks
Mod. "X7" Colourless eyepiece

- **Anti-fog**
- **Anti-abrasion**
- **Excellent optical quality (Class 1)**
- Silicone structure and polycarbonate eyepiece.
- Mechanical risks (projections, liquid drops -3-, coarse dust -4-).
- Designed to be compatible with other devices (masks, earmuffs...).
- Impact of particles at high speed and medium energy (B).
- Indirect ventilation through micro-grooves to reduce condensation.

Ref. **2188GIX7N** orange

Ref. **2188GIX7G** grey

Ref. **2188GIX7A** blue

USES in all types of activities with risks of projections (metal, wood, paint..., liquids (chemical industry, laboratories, spray paint...), coarse dust (pollen...).

Units Box: 150 **Min. order: 12 units**

EN 166 Eye protection. General requirements

EN 170 Eye Protection. Ultraviolet Filter (UV) Class 2C-1.2 (UV Protection). Level 2 with good colour recognition

B 3 4



Ref. **2188GIX6SIN** Mod. "X6"
Colourless eyepiece

- **Anti-fog**
- **Anti-abrasion**
- **Panoramic integral glasses**
- PVC structure and polycarbonate eyepiece.
- Mechanical risks (projections, liquid drops -3-, coarse dust -4- and splashes of molten metals and hot solids -9-).
- Impact of particles at high speed and extreme temperatures of medium energy (LV).
- Indirect ventilation through micro-grooves to reduce condensation.
- Compatible with most prescription glasses.

USES in all types of activities with risks of projections (metal, wood, stone), liquids (chemical industry, spray paint...) coarse dust (pollen...) and molten metal splashes (chemical industry, foundries, ovens...)

Units Box: 100 **Min. order: 10 units**

EN 166 Eye protection. General requirements

BT 3 4 9 KN



Ref. **2188GIX10SIN** Mod. "X10"
Colourless eyepiece

- **Anti-fog (N)**
- **Double Direct and Indirect Ventilation**
- Mechanical risks (projections, liquid drops -3-, coarse dust -4-).
- Chemical risks and radiation risks (UV Ultraviolet).
- Impact of particles at high speed and extreme temperatures low energy (FT).
- Compatible with most prescription glasses.
- Nose bridge specially designed to be compatible with masks.

USES In all types of activities with risks of projections (metal, wood, stone), liquids (chemical industry, maintenance, painting, pharmaceutical industry...), coarse dust (cement...).

Units Box: 72 **Min. order: 6 units**

EN 166 Eye protection. General requirements

EN 170 Eye Protection. Ultraviolet Filter (UV) Class 2C-1.2 (UV Protection). Level 2 with good colour recognition.

FT 3 4 N



Ref. **2188GIX9SIN** Mod. "X9"
Colourless eyepiece

- **Anti-abrasion**
- **Anti-fog**
- PVC structure and pivoting polycarbonate eyepiece.
- Mechanical risks (projections, liquid splashes -3- and splashes of molten metals and hot solids -9-).
- Ergonomic design, with co-injected structure.
- Impact of particles at high speed and extreme temperatures of medium energy (LV).
- Indirect ventilation through micro-grooves to reduce condensation.
- Compatible with most prescription glasses.

USES In all types of activities with risks of projections (metal, wood, stone), coarse dust (pollen...) and splashes of molten metals (chemical industry, foundries, ovens...).

Units Box: 60 **Min. order: 10 units**

EN 166 Eye protection. General requirements

BT 3 9 KN





Ref. **2188GIESIN** Mod. "X1"
Colourless eyepiece

- **PVC structure**
- **Polycarbonate eyepiece**
- Mechanical risks (projections, coarse dust -4- and splashes of molten metals and hot solids -9-).
- Impact of particles at high speed and extreme temperatures of medium energy (LV).
- Indirect ventilation through micro-grooves to reduce condensation.
- Compatible with most prescription glasses.
- Excellent optical quality (Class 1).

USES In all types of activities with risks of projections (metal, wood, stone), coarse dust (pollen...) and molten metal splashes (chemical industry, foundries, furnaces...).

Units Box: 60 **Min. order: 20 units**

EN 166 Eye protection. General requirements

BT 4 9



Ref. **2188GIASIN** Mod. "X1 PLUS"
Colourless eyepiece

- **Anti-fog**
- **Polycarbonate eyepiece**
- Mechanical risks (projections, liquid drops -3-, coarse dust -4- and splashes of molten metals and hot solids -9-).
- Impact of particles at high speed and extreme temperatures of medium energy (LV).
- Indirect ventilation through micro-grooves to reduce condensation.
- Compatible with most prescription glasses.
- Excellent optical quality (Class 1).

USES In all types of activities with risks of projections (metal, wood, stone), coarse dust (pollen...) and molten metal splashes (chemical industry, foundries, furnaces...).

Units Box: 60 **Min. order: 20 units**

EN 166 Eye protection. General requirements

BT 3 4 9 N

Ref. **2188GISSIN**
Integral welding glasses with grade 5 flip-up eyepieces and polycarbonate eyepieces (filter covers).

- **PVC structure for mechanical risks and radiation risk (IR).**
- **Flip-up and interchangeable eyepieces. Inactinic green glass tone 5 (ø50mm). They provide for welding infrared radiation protection, and raise the eyepiece to see the welded piece.**

- Indirect ventilation to reduce smoke condensation from welding.
- Compatible with prescription glasses.

Spare parts:

- Inactinic crystal: **2188LV1V** (grade 5, 9, 10, 11 and 13).
- Polycarbonate filter cover: **2188CF1**.

USES in all types of activities with risks of projections in work related to welding.

Units Box: 120 **Min. order: 12 units**

EN 166 Eye protection. General requirements

EN 169 Filters for welding and related techniques.

EN 175 Equipment for the protection of eyes and face during welding.

F



Ref. **2188VRCSIN**
Colourless eyepiece

- **Polycarbonate, thickness 2.25 mm.**
- **Mechanical risks (metal projections and splashes).**
- **Radiation risks (UV - Ultraviolet)**
- Impacts of particles at high speed and at extreme temperatures (BT).
- Splashes of molten metals and hot solids (9).
- Wide field of vision (180°), with curved structure (better impact behaviour)
- Protection towards the chin, with excellent optical quality (Class 1).
- Mechanical risks (metal projections and splashes). Radiation risks (Ultraviolet UV).

Face shield composed of:
- adapter **2188ARSIN**
- visor **2188VRCSIN**
(sold separately)

USES In all type of activities with projections risks (metal, wood, stone), splashes of molten metals (chemical industry, foundries, ovens...).

Units Box: 50 **Min. order: 1 unit**

EN 166 Eye protection. General requirements

EN 170 Eye protection. Ultraviolet (UV) filters.



Ref. **2188ARSIN**
Head-adjustable visor support

- **"Roller" type adjustment for an easy and comfortable fit.**
- **Mechanical risks (projections and splashes of molten metals and hot solids).**
- **Radiation risks (UV - Ultraviolet).**

USES In all types of activities with risks of projections (metal, wood, stone), splashes of molten metals (chemical industry, foundries, furnaces...).

Units Box: 50 **Min. order: 1 unit**

EN 166 Eye protection. General requirements

EN 170 Eye protection. Ultraviolet filters (UV).



Ref. **2188ARCSIN**
Dielectric and high temperature resistant adapter

- **ROCKET visors can also be used on a helmet with the use of the 2188ARCSIN universal**

Units Box: 50 **Min. order: 1 unit**



Ref. **2188VRV5SIN**
Verre vert, ton 5.0

- **Polycarbonate, thickness 2.25 mm.**
- **Mechanical risks (projections and splashes of molten metals and hot solids).**
- **Risks due to Infrared radiation IR tone 5.0 for welding processes.**
- Impacts of particles at high speed and at extreme temperatures (BT).
- Splashes of molten metals and hot solids (9).
- Wide field of vision (180°), with curved structure (better impact behaviour)
- Protection towards the chin, with excellent optical quality (Class 1).

Face shield composed of:
- adapter **2188ARSIN**
- visor **2188VRCSIN**
(sold separately)

USES In all types of activities with risks of projections (metal, wood, stone), splashes of molten metals (chemical industry, foundries, furnaces...).

Units Box: 50 **Min. order: 1 unit**

EN 166 Eye protection. General requirements

EN 171 Eye Protection. Infrared filters.



VOLT FACE SHIELD

- Polycarbonate, thickness 2.25 mm.
- Mechanical risks.
- Radiation risks (UV - Ultraviolet).
- Impacts of particles at high speed and at extreme temperatures (BT).
- Liquid splashes (3).
- Protection against short circuit electric arc (8).
- Protection against splashes of molten metals and hot solids (9)
- Wide field of vision (180°), with curved and ergonomic structure.
- Excellent optical quality (Class 1).
- 400 mm (width) x 205 mm (length) folding visor.
- Radiation risks (UV Ultraviolet).

Face shield composed of:
- **2188SVNE** visor support
- **2188VVSIN** visor
(sold separately)

You can also use:
2188ACVSIN dielectric adapter
for "Volt" dielectric helmet **2088CVBL**

USES in all types of activities with risks of projections, splashes of molten metals, splashes of liquids or electrical risks in construction, public works, industry, mining, maintenance, work at height, tunnels...

- EN 166 Eye protection. General requirements
- EN 170 Eye protection. Ultraviolet (UV) filters. Class 2-1.2



Ref. **2188VVSIN**
colourless visor

- Polycarbonate, thickness 2.25 mm.
- High mechanical, electrical and chemical resistance.

Can be used as a face shield with:
-visor support **2188SVNE**
(sold separately)

Using:
- dielectric adapter **2188ACVSIN**
for "Volt" dielectric helmet **2088CVBL**

Units Box: 50 Min. order: 1 unit

- EN 166 Eye protection. General requirements
- EN 170 Eye protection. Ultraviolet (UV) filters.



Ref. **2188SVNE**
adjustable visor support

- Polycarbonate with high mechanical, electrical and chemical resistance.
- Roller head adjustment.

As a face shield with:
- visor **2188VVSIN**
(sold separately)

Units Box: 10 Min. order: 1 unit



Ref. **2188ACVSIN**
"VOLT" helmet adapter

- Polycarbonate with high mechanical, electrical and chemical resistance.
- Roller head adjustment.

for "Volt" dielectric helmet **2088CVBL**
(sold separately)

Units Box: 10 Min. order: 1 unit



Dielectric assembly with VOLT helmet, 2188ACVSIN adapter and visor 2188VVSIN



Ref. **2188PFSIN**
Clear visor face shield

- Face shield for mechanical risks (liquid projections and splashes).
- Composed of support **2188SY** and visor **2188VSIN**

USES in all types of activities with risks of projections (metal, wood, stone), liquid splashes (chemical industry, agriculture, painting and decoration, maintenance) and manufacturing in general.

Units Box: 60 Min. order: 10 units

- EN 166 Eye protection. General requirements. EN 166 3 B



Ref. **2188SY**
Polypropylene support for visor

- Adjustable to the head, very light and secure with a roller-type adjustment for an easy and comfortable fit, with an anti-sweat band.

Units Box: 60 Min. order: 1 unit

- EN 166 Eye protection. General requirements.



Ref. **2188ACSIN**
Universal spring adapter for 2188VSIN and 2188VRSIN visors in helmet.

Units Box: 100 Min. order: 1 unit

- EN 166 Eye protection. General requirements.



Ref. **2188VSIN**
Polycarbonate visor

- High resistance.
- Measurements: 395 x 200 x 1 mm. (width/height/thickness).
- Visor without metal components (metal free).
- Replacement face shield **2188PFSIN**

Units Box: 200 Min. order: 10 units

- EN 166 Eye protection. General requirements.



Ref. **2188VRSIN**
Grid visor

- For forestry and gardening work. Grid visor to use with **2188SY** frame to form a face shield (sold separately)

Uds.Caja: 200 Min. order: 1 unit

- EN 166 Eye protection. General requirements. EN 1731



Ref. **2088KFN**
Forest kit

- Polypropylene. Strap closure.
- Plastic interior harness and sweat-band. 4 support points.
- Grid visor and adapter for forestry and gardening work.
- Medium attenuation ear muff (SNR 26dB)

OPTIONAL accessories:

- Elastic chinstrap with chin guard Ref. **2088BSIN**
- PVC neck cover for the sun Ref. **2088CNN**

USES Activities in which a protective helmet is required for the industry (falling objects): construction, public works, industry, mining, maintenance, work at a height...

Units Box: 12 Min. order: 1 unit

- EN 166 Eye protection. General requirements.
- EN 397 Protective helmets for industry.
- EN 1731 Mesh eye and face protector.
- EN 352-3 Hearing protection. Earmuffs attached to a helmet for protection.



Ref. **2188ACOSIN**
Universal adapter for 2188VSIN and 2188VRSIN visors with helmet slot directly or when using **1988OCY** earmuff.

Units Box: 80 Min. order: 1 unit

- EN 166 Eye protection. General requirements.



Ref. **2188PSSIN**
Welding screen tone 11

- **Folding visor.**
- **Polypropylene, very light, but with high resistance to temperature, impact and chemical attacks.**
- Adjustable interior harness with screw closure for sparks and IR radiation from welding processes.
- It allows you to lift the welding lens to view the welded piece without having to remove the screen and still be protected by the filter cover.
- Folding interior harness with screw closure and sweatband.
- Ergonomic and rounded design that allows no incandescent pieces or drops of molten metal to remain on the surface of the screen and minimises impacts.
- With tone 11 welding glass and filter cover (size 108x51mm.)
- Replacement lenses available in shades 5, 9, 10, 11, 12 and 13.
- Spare harness **2188APSSIN**

USES In all types of welding activities in workshops, shipyards, industry of metal, welding in maintenance, public works...

Units Box: 50 Min. order: 1 unit

EN 166 Eye protection. General requirements

EN 169 Eye Protection. Filters for welding.

EN 175 Equipment for protecting eyes and face during welding.

SPARE PARTS	
2188LVV	green lens opacity degrees 5, 9, 10, 11, 12 and 13
2188CFSIN	filter covers

Ref. **2188PSCSIN**
Welding screen tone 11
ADAPTABLE TO HELMET

- **Folding visor.**
- **Adaptable to helmets with a standard 3mm slot, for sparks and IR radiation from welding processes.**
- **Polypropylene, very light, but with high resistance to temperature, impact and chemical attacks.**
- Folding visor, which allows you to lift the welding lens to view the welded piece without having to remove the screen and remain protected by the filter cover.
- Ergonomic and rounded design that allows no incandescent pieces or drops of molten metal to remain on the surface of the screen and minimises impacts.

Compatible with helmet earmuff ref. **1988OCY.**

- With tone 11 welding glass and filter cover (size 108x51mm.)
- Replacement lenses available in shades 5, 9, 10, 11, 12 and 13.

USES In all types of welding activities in workshops, shipyards, industry of metal, welding in maintenance, public works...

Units Box: 50 Min. order: 1 unit

EN 166 Eye protection. General requirements

EN 169 Eye Protection. Filters for welding.

EN 175 Equipment for protecting eyes and face during welding.

ELECTRONIC SCREEN FOR WELDING Variable tone (4/9-13).

- **Folding visor.**
- Electronic filter automatically variable to the selected tone (from 9 to 13), for sparks and IR radiation in welding processes.
- Self-darkening filter: 110x90mm minimum UV protection tone 4 (clear)
- Polycarbonate, very light, but with high impact resistance, as well as good electrical insulation, and high resistance to weather and UV rays.
- Folding interior harness with screw closure and sweatband.
- Curved shapes to protect from incandescent parts or molten metal drops and minimise impacts.
- Arc detection sensitivity control.
- Powered by solar cell (+ two 3V lithium batteries for support).

Available spare parts:

- **2188RCFSIN** Pack with inner filter cover + outer filter cover

- **2188FESIN** Self-darkening electronic filter.

- **2188APSESIN** Internal harness with roulette closure.

Ref. **2188PSEG** grey

Ref. **2188PSER** red

Ref. **2188PSEA** blue

USES In all types of welding activities in workshops, shipyards, industry of metal, welding in maintenance, public works...

Units Box: 4 Min. order: 1 unit

EN 166 Eye protection. General requirements

EN 169 Eye Protection. Filters for welding.

EN 175 Equipment for protecting eyes and face during welding.

EN 379 Eye protection. Automatic welding filters

STEELPRO
SAFETY



2188PSER



2188PSEA





- EN149 Self-filtering masks for protection against particles.**
- EN405 Self-filtering masks with protection valves against gases or gases and particles.**
- EN140 Half masks.**
- EN136 Masks.**
- EN141 Gas filters and mixed filters.**
- EN146 Filtering devices against particles, with assisted ventilation.**
- EN13794 Closed-circuit self-contained breathing apparatus for evacuation.**

All equipment belongs to category III (risk of death or serious injury) of the PPE classification. To determine the selection of the mask and/or filter, it is necessary to know: The contaminant, its concentration and its toxicity, the TLV value, the nominal protection factor of the protector, the required protection factor.

TLV or Occupational Exposure Level

It is the maximum concentration of a substance contained in the air, calculating the average over a period of 40 hours per week during which, according to current knowledge, a worker can be exposed to day after day without a probable risk to his health.

Nominal Protection Factor

The relationship between the concentration of a contaminant in the environment and its possible concentration inside the mask. It is calculated from the value of maximum allowed internal leakage (%), which is obtained for any equipment from a standardized EN test.

Required Protection Factor

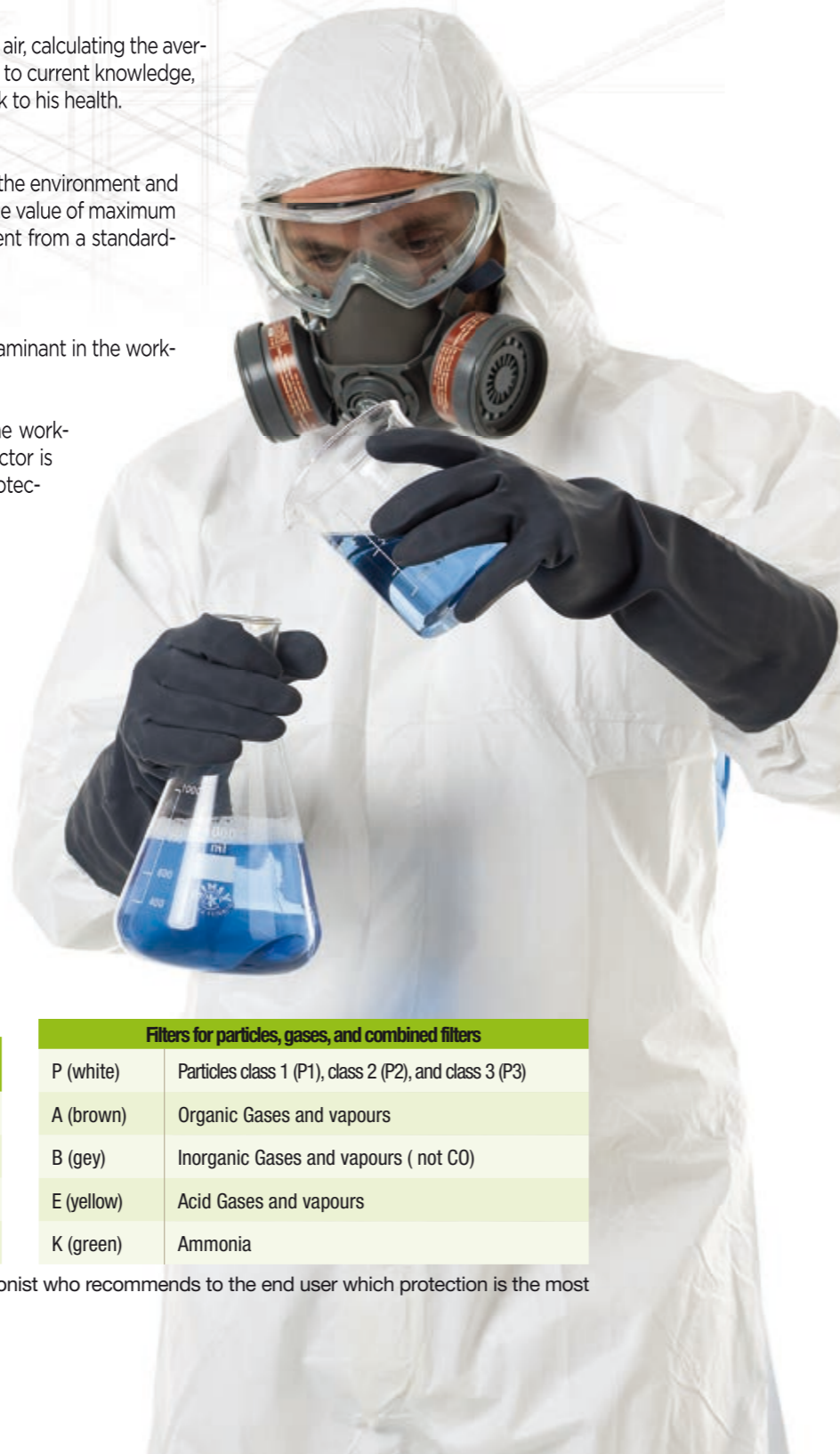
The relationship between the average concentration of the contaminant in the workplace and the TLV.

By dividing the average concentration of the contaminant in the workplace by the TLV of said contaminant, the required detection factor is obtained. The suitable equipment should provide a nominal protection factor greater than the required protection factor.

Exemple :

Contaminant Cellulose (solid particle)
Concentration 40 mg/m³
TLV 5 mg/m³
Required protection factor 40/5 = 8
Recommendation FFP2 (rated protection factor 12)

Replacing filters: it is not possible to determine the effectiveness time of a filter, since various factors influence its duration; relative humidity, temperature, respiratory rate, lung capacity, concentration and nature of the contaminant. It is recommended to replace the filter when you notice an increase in respiratory resistance or the smell of the contaminant.



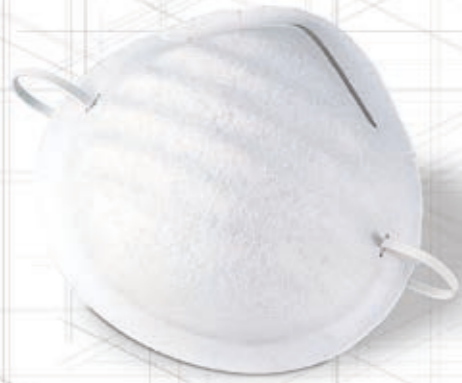
	Masks EN149	Masks EN405	Half-masks EN140	Masks EN136
Particles P1	4,5	4,5	4,5	5
Particles P2	12	12	12	16
Particles P3	50	50	50	1000
Gases and vapour	-	20	20	2000

Filters for particles, gases, and combined filters	
P (white)	Particles class 1 (P1), class 2 (P2), and class 3 (P3)
A (brown)	Organic Gases and vapours
B (grey)	Inorganic Gases and vapours (not CO)
E (yellow)	Acid Gases and vapours
K (green)	Ammonia

Note: These tables are indicative. It must be the preventionist who recommends to the end user which protection is the most appropriate based on measurements in the workplace.

REF.	PARTICLES			GASES AND VAPOURS				OTHER CRITERIA			PAGE NO.
	LEVEL P1	LEVEL P2	LEVEL P3	ORGANICS	INORGANICS	ACIDS	AMMONIA	DISPOSABLE	REUSABLE	BAD SMELLS	
2288MHSIN								•			202
2288M101SIN	•							•			202
2288M102SIN	•							•			202
2288M103SIN		•						•			202
2288M103SSIN		•						•			203
2288M104SIN			•					•			203
HSDCO2SIN		•						•			203
2288SEG									•		204
2288PP2SIN		•						•			204
2288FA1SIN				•						•	205

REF.	PARTICLES			GASES AND VAPOURS				OTHER CRITERIA			PAGE NO.
	LEVEL P1	LEVEL P2	LEVEL P3	ORGANICS	INORGANICS	ACIDS	AMMONIA	DISPOSABLE	REUSABLE	BAD SMELLS	
2288FCSIN				•	•	•	•			•	205
2288FP3CASIN			•							•	205
2288FA1P3SIN			•	•						•	205
2288FCP3SIN			•	•	•	•	•			•	205
2288FP3SIN			•							•	205
2288MFSIN										•	206
2288FNA2P3SIN			•	•						•	206
2288FNC3SIN				•	•	•	•				206
2288FNC3SIN			•	•	•	•	•			•	206
2288AOQSIN											207



Ref. **2288MHSIN**
Disposable hygienic mask. Not PPE.

- Polyester mask for very coarse particles, droplets..., in very low concentration (1xTLV) and to protect the product during handling.
- Adjustable aluminium nose clip.
- Dispenser box of 50 units (1,000 units in large box).

USES in outdoor non-harmful dust cleaning activities, jobs where it is necessary to protect the product (food, laboratories, electronics...) and reduce the possibility of contagion to other people.

Units Box: 1000 **Min. order: 50 units**
SIZE: One-size



Ref. **2288M101SIN**
FFP1 disposable mask.

- Polypropylene mask with protection factor FFP1 (4XTLV) for particles, solid and liquid aerosols.
- Adjustable aluminium nose clip with inner pad.
- Double adjustment rubber.
- Dispenser box of 20 units (400 units in large box).

USES in activities with harmful particles in work with wood (sawdust...), agriculture, mining, construction, dust cleaning...

Units Box: 400 **Min. order: 20 units**
EN 149:2001 **SIZE: One-size**



Ref. **2288M103SSIN**
FFP2 disposable mask.

- Polypropylene mask with protection factor FFP2 (12XTLV) for particles, solid and liquid aerosols.
- Adjustable aluminium nose clip with inner pad.
- Double adjustment rubber.
- Dispenser box of 20 units (400 units in large box).

USES in activities with low toxicity particles in woodworking, agriculture, mining, construction, foundry, metal manufacturing, chemicals and additives in powder, food, ceramics, shipyards...

Units Box: 400 **Min. order: 20 units**
EN 149:2001 **SIZE: One-size**



Ref. **2288M104SIN**
FFP3 disposable mask with exhalation valve.

- Polypropylene mask with protection factor FFP3 (50XTLV) for particles, solid and liquid aerosols.
- Exhalation valve (allows air to be expelled from the inside of the mask, reducing the accumulation of hot air and humidity inside the mask. Recommended for tiring work).
- Adjustable aluminium nose clip with interior padding around the facial contour for greater fit, comfort and protection (inward leakage).
- Double adjustment rubber with regulation.
- Dispenser box of 20 units (400 units in large box).

USES in activities with toxic particles in work with asbestos, toxic fibres, wood, phytosanitary products, mining, construction, foundry, welding, manufacturing with metals, pharmaceutical industry, toxic chemical products and powder additives, food, fish farms, ceramics, shipyards, agriculture and livestock, biological risks (viruses, bacteria...).

Units Box: 400 **Min. order: 20 units**
EN 149:2001 **SIZE: One-size**



Ref. **2288M102SIN**
FFP1 disposable mask with exhalation valve.

- Polypropylene mask with protection factor FFP1 (4XTLV) for particles, solid and liquid aerosols.
- Exhalation valve (allows air to be expelled from the inside of the mask, reducing the accumulation of hot air and humidity inside the mask. Recommended for tiring work).
- Adjustable aluminium nose clip with inner pad.
- Double adjustment rubber.
- Dispenser box of 20 units (400 units in large box).

USES in activities with harmful particles in work with wood (sawdust...), agriculture, mining, construction, cleaning, dust...

Units Box: 400 **Min. order: 20 units**
EN 149:2001 **SIZE: One-size**



Ref. **2288M103SIN**
FFP2 disposable mask with exhalation valve.

- Polypropylene mask with protection factor FFP2 (12XTLV) for particles, solid and liquid aerosols.
- Exhalation valve (which allows air to be expelled from the inside of the mask to a greater extent, reducing the accumulation of hot air and humidity inside the mask. Recommended for tiring work).
- Adjustable aluminium nose clip with inner pad.
- Double adjustment rubber.
- Dispenser box of 20 units (400 units in large box).

USES in activities with low toxicity particles in woodworking, agriculture, mining, construction, foundry, welding fumes, waste collection, manufacturing with metal, chemical products and powder additives, flour, food, ceramics, laboratories, shipyards...

Units Box: 400 **Min. order: 20 units**
EN 149:2001+A1:2009 **SIZE: One-size**

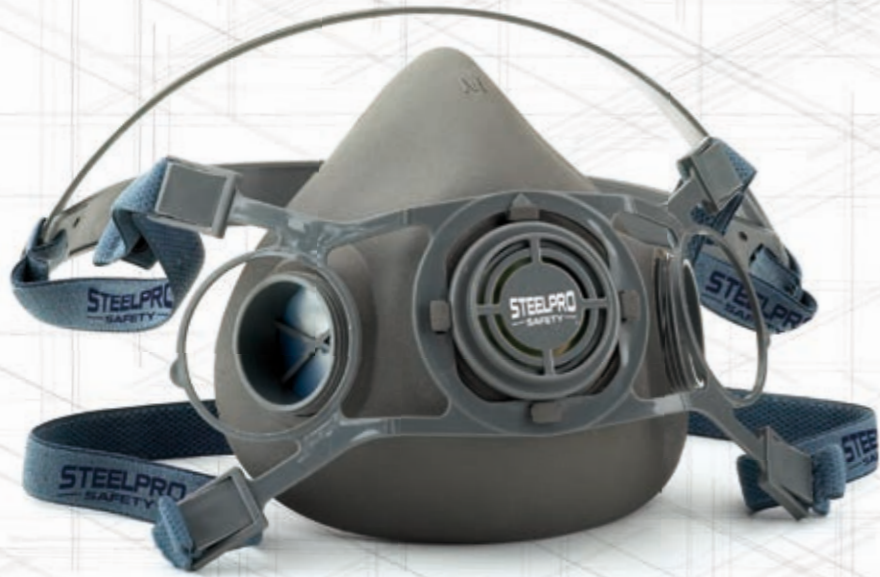


Ref. **HSDCO2SIN**
FFP2 moulded mask

- Filtering half masks for protection against solid and liquid particles and aerosols.
- FFP2 NR classification according to EN 149:2001+A1:2009.
- Exhalation valve option for greater comfort even in intensive work or very hot environments, preventing the accumulation of heat and humidity inside the mask.
- Double adjustment band on the head to ensure maximum protection.
- Aluminium nose clip for optimal adjustment and fixation, with polyurethane padding for greater comfort.
- Indicated for daily use during an entire work shift. Not reusable.

USES in activities with low and medium toxicity particles, general industry with the use of chemical products, wood industry, agriculture, construction, mining, metallurgical work, etc.

Units Box: 400 **Min. order: 20 units**
EN 149:2001+A1:2009 **SIZE: One-size**



Ref. **2288SEG** Mod. "BREATH".
Half mask for two filters (Steelpro filters).

- Half mask respirator made of hypoallergenic thermoplastic.
- Very comfortable, soft and light (only 85g).
- Compact design allows excellent compatibility with other protective equipment (goggles, ear muffs...), and an excellent fit to the face, providing comfortable and hygienic protection.
- Head and neck harness, very comfortable and easy to use.
- Ergonomic design allows a perfect balance of the weight of the filters and a wide field of vision.
- Central exhalation valve with anti-impact design.
- Threaded filter connection system makes it easy to assemble and disassemble the STEELPRO reusable filters.
- Available in three sizes (S, M and L) to achieve a perfect fit for different face sizes.

USES in all types of activities with respiratory risk of particles (metal industry, construction, phytosanitary, wood, stone, cement...), organic and inorganic gases and vapours (chemical industry, metal, maintenance, painting, pharmaceutical industry...). Consult filters depending on the contaminant.

Units Box: 12 **Min. order: 1 unit**
EN 140 **SIZES: S, M and L**



Ref. **2288PP2SIN**
P2 STEELPRO prefilter for filters
2288FA1SIN and 2288FCSIN.

Option for gas filters **A1 (2288FA1SIN)** and **ABEK1 filter (2288FCSIN)**. They provide protection for P2 particles, delay the saturation of the gas filter (prevents entry of particles and dust) and are interchangeable. It adapts to the gas filter using the **2288RSIN** retainer.

Units Box: 10.000 **Min. order: 2 units**



STEELPRO screw-on filters for "BREATH" half mask



Ref. **2288FA1SIN**

FILTER A1 (Organic Gases and Vapours Class 1).

USES Exterior painting and decoration, Manufacturing (vehicles, ships, dyes and pigments, adhesives, resins, acetate). Maintenance with the presence of organic matter (bad odours, fishing, gasoline, ethyl alcohol...).

Units Box: 80 **Min. order: 2 units**
EN 14387



Ref. **2288FCSIN**

ABEK1 FILTER (Organic and Inorganic Gases and Vapours, Acid Gases and Ammonia Class 1).

USES Industry (electrolytic processes, organic and inorganic chemical industry, hydrocyanic acid, hydrogen fluoride...), Agriculture (Agro-chemical products...), Maintenance (cleaning with acids, with chlorine, with Ammonia, Industrial Maintenance, Food Maintenance...), Manufacturing (Chemical, Refrigeration Equipment, household appliances...), Agriculture and Gardening (organic and inorganic chemicals, acids...).

Units Box: 80 **Min. order: 2 units**
EN 14387



Ref. **2288FP3CASIN**
ACTIVATED CARBON

Activated carbon allows the reduction of certain types of gases and vapours in low concentration (organic decomposition gases, annoying odours...).

P3 filter (class 3 particles). Dusts, Mists and Fumes.
USES Handling of powdered substances (cement, wood, stone, fibres, flours), construction and quarries (dust, sand...), Mining (Chlorates, Cobalt, Copper, Quartz-Silica, Lead...), Industry (fumes, welding, cutting aluminium, steel, oxides, caustic soda, phosphoric acid...), Agriculture and Gardening (Sulphur and Arsenic powder, pesticide spraying...), Maintenance (dust cleaning and sweeping, sanding, very dusty environments, caustic soda), Work with Asbestos.

Units Box: 80 **Min. order: 2 units**
EN 14387



Ref. **2288FA1P3SIN**

FILTER A1P3 (Organic Gases and Vapours Class 1 and Particles Class 3).

USES Painting and decoration (spray paint, solvents, varnishes, resins...), Manufacturing (vehicles, ships, household appliances, dyes and pigments, adhesives, food), Maintenance with the presence of organic mists and organic substances, Industry (organic fumes and vapours, organic chemical processes...), Agriculture and Gardening (manure, organic handling, pesticides...), Livestock, Cleaning with solvents...

Units Box: 72 **Min. order: 2 units**
EN 14387



Ref. **2288FCP3SIN**

ABEK1P3 FILTER (Organic and Inorganic Gases and Vapours, Acid Gases and Ammonia Class 1 and Class 3 Particles).

USES Industry (Metal, Foundries, Organic and inorganic chemical industry, Pharmaceutical...), Agriculture (agrochemical products, phytosanitary, herbicides, fumigation...), Fishing (fish farms, processing...), Maintenance (Disinfection, domestic and industrial cleaning, sodium hypochlorite...), Industrial Maintenance, Maintenance in Food, Manufacturing (Chemistry, ships, cars, Refrigeration Equipment, appliances, hydrochloric acid, Nitric Sulphide, Sulphuric...).

Units Box: 72 **Min. order: 2 units**
EN 14387



Ref. **2288FP3SIN**
P3 FILTER (Class 3 particles). Dusts, Mists and Fumes.

USES Handling of powdered substances (cement, wood, stone, fibres, flours), construction and quarries (dust, sand...), Mining (Chlorates, Cobalt, Copper, Quartz-Silica, Lead...), Industry (fumes, welding, cutting aluminium, steel, oxides, caustic soda, phosphoric acid...), Agriculture and Gardening (Sulphur and Arsenic powder, pesticide spraying...), Maintenance (dust cleaning and sweeping, sanding, very dusty environments, caustic soda), Work with Asbestos.

Units Box: 100 **Min. order: 2 units**
EN 143

NOTE: The information in the filters is merely indicative. It must be the end user, who with the help of the risk preventionist, chooses the most appropriate respiratory protection based on the various factors that occur in the workplace (types of contaminants, concentration, exposure time, oxygen level...). The useful life of the filter will depend on the conditions of use (exposure time, type of contaminant, type of contaminant...). Replace when the filter is saturated or has lost its filtering capacity. The most common symptoms to detect when the filter needs to be changed are difficulty breathing and when you begin to notice the smell of the contaminant.



Ref. **2288MFSIN** Mod. "ANDROMEDA".
Silicone facial mask (standardized filters EN148-1)

- Made with Class 2 hypoallergenic silicone.
- Anti-fog and anti-scratch polycarbonate visor.
- Adjustable harness with 5 attachment points.

Spare parts: Polycarbonate visor **2288VSIN** / Harness **2288ASIN**

USES In all types of activities with risk of respiratory particles (metal industry, construction, phytosanitary, wood, stone, cement, asbestos...), organic and inorganic gases and vapours (chemical industry, metal, maintenance, painting, pharmaceutical industry, agrochemical, industrial cleaning, laboratories...). Consult filters depending on the contaminant.

Units Box: 20 **Min. order: 1 unit**
CE EN 136 **SIZE: One-size**

EN148-1 STEELPRO normalised thread filters for "ANDROMEDA" full mask



Ref. **2288FNA2P3SIN**
A2P3 FILTER (Class 2 Organic Gases and Vapours and Class 3 Particles).

USES Painting and decoration (spray paint, solvents, varnishes, resins...), Manufacturing (vehicles, ships, appliances, dyes and pigments, adhesives, food), Maintenance with the presence of organic mists and organic substances, Industry (organic fumes and vapours, organic chemical processes...), Agriculture and Gardening (manure, organic handling, pesticides...), Livestock, Cleaning with solvents...

Units Box: 32 **Min. order: 1 unit**
CE EN 14387

Ref. **2288FNCSIN**
ABEK2 FILTER (Organic and Inorganic Gases and Vapours, Acid Gases and Ammonia Class 2).

USES Industry (electrolytic processes, organic and inorganic chemical industry, hydrocyanic acid, hydrogen fluoride...), Agriculture (agrochemical products...), Maintenance (cleaning with acids, with chlorine, with Ammonia, Industrial Maintenance, Food Maintenance...), Manufacturing (Chemistry, Refrigeration Equipment, household appliances...), Agriculture and Gardening (organic and inorganic chemicals, acids...).

Units Box: 80 **Min. order: 1 unit**
CE EN 14387

Ref. **2288FNCP3SIN**
ABEK2P3 FILTER (Organic and Inorganic Gases and Vapours, Acid Gases and Ammonia Class 2 and Class 3 Particles).

USES Industry (Metal, Foundries, Organic and inorganic chemical industry, Pharmaceuticals...), Agriculture (Agrochemical products, phytosanitary products, herbicides, fumigation...), Fishing (fish farms, processing...), Maintenance (Disinfection, domestic and industrial cleaning, Sodium Hypochlorite...), Industrial Maintenance, Food Maintenance, Manufacturing (Chemical, ships, cars, Refrigeration Equipment, household appliances, hydrochloric acid, Nitric Sulphide, Sulphuric acid...).

Units Box: 32 **Min. order: 1 unit**
CE EN 14387

NOTE:
The information in the filters is merely indicative. It must be the end user, who with the help of the risk preventionist, chooses the most appropriate respiratory protection based on the various factors that occur in the workplace (types of contaminants, concentration, exposure time, oxygen level...). The useful life of the filter will depend on the conditions of use (exposure time, type of contaminant, type of contaminant...). Replace when the filter is saturated or has lost its filtering capacity. The most common symptoms to detect when the filter needs to be changed are difficulty breathing and when you begin to notice the smell of the contaminant.



Ref. **2288AOQSIN**
Oxypro-30 chemical oxygen self-rescuer

Closed-circuit self-contained breathing apparatus of the chemical oxygen type for evacuation.

- **Autonomous:** It is not permanently connected to any external oxygen supply (limited duration) and therefore not connected to any fixed element (full mobility).
- **Closed circuit:** It is isolated from the outside, it does not filter the contaminated atmosphere of the environment. The exhaled and inhaled air recirculates within the equipment itself. DO NOT CONFUSE WITH FILTERING RESPIRATORY PROTECTION.
- **Chemical oxygen:** The cartridge contains chemicals to absorb CO2 and also absorb moisture and generate oxygen through KO2 (Potassium Peroxide).
- **Evacuation:** Only valid for escape situations from the contaminated area. Limited oxygen generation. Not valid for continuous work.
- It is a respiratory protective device that the user wears individually and protects him/her against harmful atmospheres or atmospheres with oxygen deficiencies (< 20.5%).
- Therefore, it is Personal Protective Equipment and by protecting against a fatal or very serious risk it is Category III.

Regulation (EU) 2016/425 on PPE

REGULATIONS AND CERTIFICATION

Regulation (EU) 2016/425 on PPE.
EN 13794:2002. Complies with Annex A for underground use.
EU Type Certificate No. EPT 0477.PPE.19/3366 (Module B).
Certificate No. EPT 0477.PPE.20/4023 (Module D).
Certified by: EUROFINS. Product Testing Italy S.r.l. Via Cuorgne, n° 21 - 10156 - TORINO - ITALY
Notified body no. 0477.

TEM TECHNICAL CHARACTERISTICS AND SPECIFICATION

- Inhalation temperature $\leq 50^{\circ}\text{C}$
- Size (mm) 202x119x191
- Weight (Kg) 2.2
- Autonomy of use 30 min at 35 l/min
- Useful life in transport mode 5 years
- Useful life in storage 10 years
- Chemical Oxygen Type K (KO2)

USES

- In the event of a lack of oxygen, smoke or dangerous gases, these devices provide the user with more time to reach the nearest safe area or successfully escape from the scene.
- Confined spaces for construction, maintenance, repair or inspection.
- (Reactors, storage tanks, sedimentation, etc., underground transformer rooms. Tunnels. Underground works in general. Sewers. Service galleries. Ship warehouses. Underground vaults. Transport tankers).
- Underground mining.

Units Box: 6 **Min. order: 1 unit**
CE EN 13794:2002 **SIZE: One-size**

MINIMUM : 1 minute

MILD

- MECHANICAL DAMAGE
- DUST
- DIRT

MINIMUM : 2-3 minutes

MEDIUM

- DEGREASING AGENTS
- BENZENE
- etc.

MINIMUM : 3-4 minutes

SERIOUS

- ACIDS

Go to the doctor

MINIMUM : 10 minutes

VERY SERIOUS

- ALKALINE SUBSTANCES
- AMMONIA
- BLEACHES

Medical assistance



Eyewash Bottles

Sterile saline solution of 0.9% Sodium Chloride in different dispenser formats, for emergency eye washing.

- Specially designed 1 litre bottle:
- Easy removal, use and application.
- No mechanical parts.
- Disposable (greater safety).
- Clear instructions for quick and easy application.
- Embossed use direction arrow (temporary blindness).
- Eye support ring that facilitates prolonged washing.
- Gentle flow through 6 tiny jets for 3 minutes.
- Expiry date that indicates the end of its useful life.
- Rounded base (prevents its removal and placement near other bottles).

USES

All types of work where eye damage may occur and that require an immediate eyewash response in seconds. Mechanical damage (dust, dirt...). Splashes of degreasing agents (benzene...), Splashes of acids, Splashes of alkaline substances (bleach, caustic soda, ammonia, lime, cement...). Chemical plants, laboratories, cleaning and maintenance tasks...etc.

CE EN 15154-4 European regulations for eyewashes not connected to the water network. Directive 93/42/EEC Annex V on medical devices.

CE EN ISO 13485 Health product quality management systems



Ref. **2388L121SIN**
200 ml pocket eyewash bottle. Tobin Eyewash.

It allows you to start eyewashing immediately due to its accessibility, as well as relieving blindness that would make it difficult to locate. Especially for mobility jobs (cleaning, industrial maintenance...), which do not guarantee proximity to eyewash stations.

Units Box: 35 Min. order: 1 unit



Ref. **2388L125SIN**
500 ml portable eyewash bottle. Tobin Eyewash.

It allows you to start eyewashing immediately and in places where eyewash stations are not easily accessible (cleaning vehicles, mobile maintenance, etc.). Easy use and application by turning the green caps.

Units Box: 12 Min. order: 1 unit



Ref. **2388L130SIN**
Station of two one-litre bottles. Tobin Eyewash.

For mobile units (lorries, boats, trains...), or for walls (screws included). In protective cabin (bumps, dirt...etc.). Total 6 minute flow per eye.

Units Box: 1 Min. order: 1 unit



Ref. **2388L127SIN**
Station of two one-litre bottles. Tobin Eyewash.

For mobile units (lorries, boats, trains...), or for walls (screws included). Total 6 minute flow per eye.

U. Box: 1 Min. order: 1 unit



Ref. **2388L126SIN**
1 litre replacement bottle for eyewash stations. (pack of 2 units). Tobin Eyewash.

Units Box: 1 Min. order: 1 unit



Ref. **2388DDPSIN**
Portable Decontaminating Shower. M200

- High resistance PVC
- Easy and simple assembly and disassembly through connections
- Easily connects to a running water outlet.
- 5 atomisers.
- 2 protective screens.
- Oxford fabric bag for storage and transport.
- 2310mm (height), 861mm (width), 980mm (depth).
- Weight: 12 kg.
- Materials: PVC-U and ABS.

USES Chemical and industrial plants, platforms, laboratories, etc. where there is a risk of chemical splashes requiring emergency body decontamination.

U. Box: 1 Min. order: 1 unit

EN 15154-1 European regulations for showers.



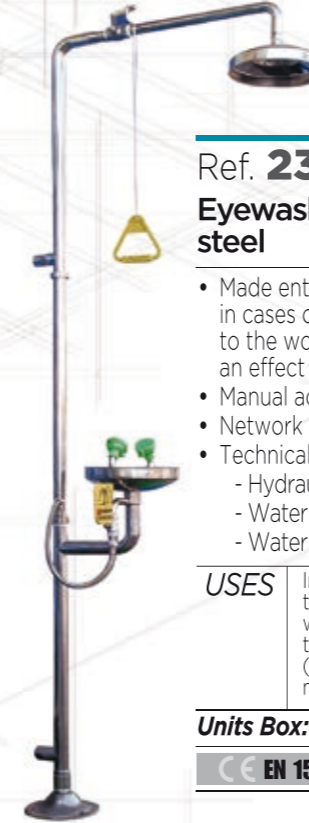
Ref. **2388DAISIN**
Eyewash shower in stainless steel

- Made entirely of stainless steel, to be used in cases of splashes of harmful elements to the worker's body, in which it produces an effect of a harmful substance.
- Manual activation by a ball valve system.
- Network drinking water supply.
- Technical features:
 - Hydraulic pressure: from 0.2 to 0.8 MPA
 - Water inlet: 1/2 inch IPS
 - Water outlet: 1/4 inch IPS

USES In aggressive environments and all types of industrial environments where a more resistant material than galvanised steel is required (although is not recommended in marine environments).

Units Box: 1 Min. order: 1 unit

EN 15154-1-2 European regulations for showers and eyewashes.



Ref. **2388DAIPSIN**
16 stainless steel eyewash shower.

- Made entirely of 316 stainless steel, to be used in cases of splashes of harmful elements for the eyes or the body of the worker. 316 steel is a special steel of excellent quality, resistance to corrosion
- Manual activation by a ball valve system.
- Network drinking water supply.
- Technical features:
 - Hydraulic pressure: from 0.2 to 0.8 MPA
 - Water inlet: 1/2 inch IPS
 - Water outlet: 1/4 inch IPS

USES in environments that are highly aggressive, saline environments and all kinds of industrial environments where a stainless steel of the highest resistance is necessary (platforms, chemical and water treatment plants on the coast...).

Units Box: 1 Min. order: 1 unit

EN 15154-1-2 European regulations for showers and eyewashes



Ref. **2388LPASIN**
Self-contained portable eyewash

- 34 litre tank capacity.
- High Density Polyethylene (HDPE).
- Provides a flow of water into the eyes through gravity for 15 minutes. Ideal in situations where the continuous flow of drinking water is not possible.
- Water flow: 1.5 Litres of water per minute (maximum 15 minutes).
- Net weight: 4.7 kg. / Gross weight (with full tank): 39 kg.
- Assembly: On a flat surface or to anchor to the wall with the help of a stainless steel bracket (included)

USES in all types of aggressive environments and where there is no possibility of connecting to the water network. Industrial plants, chemical plants, desalination plants...

Units Box: 1 Min. order: 1 unit

EN 15154-1-2 European regulations for eyewashes.



Ref. **2388L101Y**
Galvanised steel eyewash.

- To be used in cases of splashes of elements harmful to the eyes, in which the water produces a swiping effect of the harmful substance.
- Steel with galvanised treatment and ABS bowl.
- It is activated manually by lever or pedal.
- Supplied through the drinking water network
- Technical characteristics:
 - Hydraulic pressure: 0.2 to 0.8 MPA
 - Water entry: 1/2 inch IPS
 - Water outlet: 1 1/4 inch IPS

USES in industrial and chemical plants where the environment is not especially saline or corrosive.

Units Box: 1 Min. order: 1 unit

EN 15154-2 European regulations for eyewash.



Ref. **2388L101MY**
Wall eyewash only.

Ref. **2388D101Y**
Galvanised steel eyewash shower.

- To be used in cases of splashes of elements harmful to the eyes, in which the water produces a swiping effect of the harmful substance.
- Steel with galvanised treatment and ABS bowl.
- Manual activation by handle (shower) or pedal (eyewash).
- Supplied through the drinking water network
- Technical characteristics:
 - Hydraulic pressure: 0.2 to 0.8 MPA
 - Water entry: 1/2 inch IPS
 - Water outlet: 1 1/4 inch IPS

USES in industrial and chemical plants where the environment is not especially saline or corrosive.

Units Box: 1 Min. order: 1 unit

EN 15154-1-2 European regulations for showers and eyewashes.



Ref. **2388MSIN**
Fire blanket

- Made of fiberglass
- To suffocate small fires preventing the arrival of oxygen
- PVC box to hang in a visible place on the wall and near the probable source of fire, with a handle for extraction.
- Thickness: 0.40mm / Maximum temperature: 540°C

Available in the following sizes:

Ref. **2388MSIN(S)** 100 x 100 cm.

Ref. **2388MSIN(M)** 120 x 120 cm.

Ref. **2388MSIN(L)** 120 x 180 cm.

Ref. **2388MSIN(XL)** 180 x 180 cm.

USES in domestic kitchens, restaurants, laboratories... to put out small fires directly on the place of ignition or in the event that it ignites the user's clothing (not valid for welding processes)

U. Box: 1 Min. order: 6 units

EN 1869 European regulations on requirements for fire blankets.



Ref. **2388MSSIN**
Welding Blanket 200x200 cm

- Made of fiberglass
- Presentation in individual
- Work temperature: 60
- Peak temperature: 1.400°-1.600°C

USES Welding blankets are intended to protect equipment and machinery from welding processes and related techniques (welding sparks, molten metals, slag...). They can also be used as a fire blanket (putting out small fires in the home) or as a screen (protecting eyes from flashes from sparks).

U. Box: 1 Min. order: 6 units

EN 1869 European regulations on requirements for fire blankets.

EN1094-3 Insulating refractory products.





inspire safety



ESTUDIOGRÁFICO JERÓNIMOFRANCO



Empresa asociada a:
AECOC
Asociación de Fabricantes
y Distribuidores

Polígono Industrial "Cabezo Beaza"
Avda. de Bruselas esq. c/ Amsterdam
Parcela R-100 - 30353 CARTAGENA- ESPAÑA
Tel. +34 968 501 132 / +34 968 506 630
Fax +34 968 508 430
ventas@marcapl.com