



SINGER[®] 
safety



Helmet:
ALPINO

Spectacles:
EVALORA

Gloves:
N10

Harness:
HARRIWORK

Jacket:
VERNAM

Jean:
JEANS

Shoes:
ST400



A full-page photograph of a man in his late 20s or early 30s, standing in a construction or industrial setting. He is wearing a black hooded sweatshirt with orange drawstrings and a small orange logo on the left chest. He is also wearing black trousers with reflective white stripes on the lower legs. On his head, he has large black earmuffs with red accents. He is wearing safety glasses and black gloves with grey palms. He is holding a white rectangular object under his left arm and a small black device in his right hand. He is standing next to a piece of orange and black machinery. The background is a cloudy sky and a concrete wall.

Ear-muffs:
HG106PNR

Spectacles:
EVAMOISS

Gloves:
NI57

Sweat-shirt:
SAMY

Trousers:
PETRO

Shoes:
ABYSS



Helmet:
ALPINO

Gloves:
GRIP157

Harness:
HARRICANA1

T-shirt:
SURO

Trousers:
PETRO

Shoes:
BOCA



Helmet:
FORCEW
Gloves:
PHD5LAT
Jacket:
VOLGA
Trousers:
PETRO
Shoes:
TRIESTE




Cap:
HG913W

Gloves:
NYM713PU

Jacket:
VANGOG

Trousers:
PLATRO

Shoes:
BARYO



Helmet:
FORCEW

Spectacles:
EVASUR

Gloves:
NYM15LG

Jacket:
VEGAS

Trousers:
PORTAC

Shoes:
ASTRO



Welding mask:
MS1190

Protective hood:
PYROCAG

Gloves:
50SIVAP15

Jacket:
VEPSOUD

Trousers:
PANTASOUD

Shoes:
ETNA



Helmet:
FORCEW
Spectacles:
EVALOR
Ear plug:
HGB250C
Gloves:
PER200
Parka:
PANAMA
Trousers:
PISA
Shoes:
INDRA




Helmet:
FORCE2W

Gloves:
NYM13AS

Jacket:
VADONG

Trousers:
PADONG

Shoes:
INDRA

A man is shown from the waist up, wearing a dark blue parka with multiple pockets and a matching beanie. He is holding binoculars to his eyes with both hands. The background shows a body of water and a distant shoreline under a cloudy sky. The man is standing on a ship's deck, with part of the ship's structure visible on the right.

Beanie:
BONABL
Gloves:
NSA15T
Parka:
PALAMA
Trousers:
PRAGMA



Rainwear:
VPLOCEAN
Gloves:
LAT830

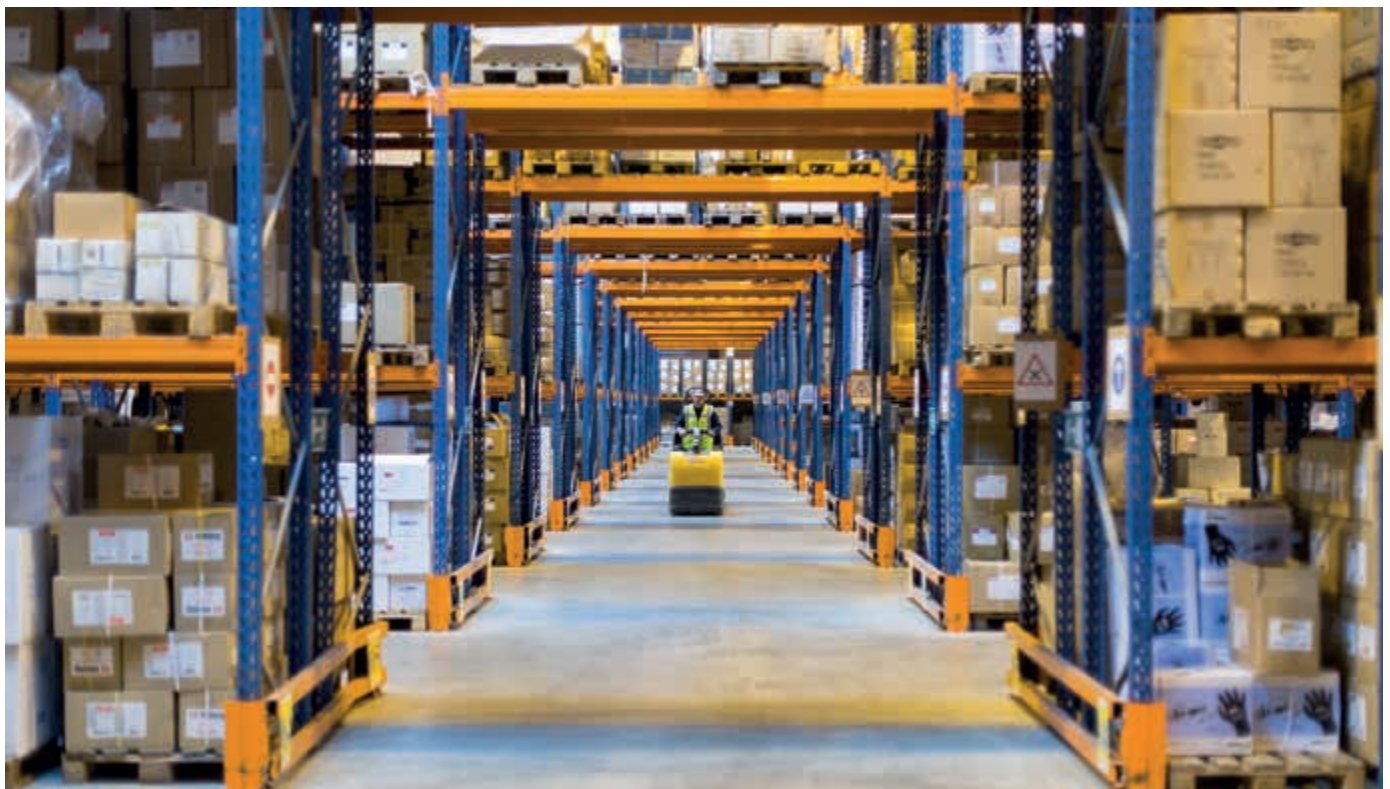




Ear-muffs:
HG803G
Jacket:
VOLGA



SINGER[®] 
safety



Our family history

The story began over 100 years ago, in Saint Omer in northern France. Two brothers, Achille and Maurice Singer, invested in a tannery and began producing harnesses and accessories.

In the aftermath of the Second World War, the factory was in ruins. The bombing might have finished off the family business were it not for the entrepreneurial spirit of its second generation, who took the fate of the operation into their hands. Maurice's sons, Michel and Etienne, decided to invest in modern production tools to make protective gloves, mainly out of leather, to meet growing industry demand.

The story gathered pace in the 1970s as the two visionary brothers anticipated the changes that would gradually mark the global economy. This resolutely innovative strategic positioning enabled the company to design and manufacture new products, expand its offering and extend its influence over the global market. The 1990s saw the arrival of the third generation. The sons of Michel, Laurent and Patrick took over the management of the company, pursuing, strengthening and accelerating its development based on the values they held dear.

Our values

Performance-focused ambition, promising respect with integrity guaranteed

Our taste for performance requires us to be very exacting. From product design to production, we leave nothing to chance. Our job is to ensure that every item of PPE is 100% compliant with the European standards by focusing on aesthetics, comfort, originality and modernity. The continuous improvement of our products is a central concern. Our mission is to offer the most demanding professionals ever more reliable, durable and safe products at competitive prices.

For three generations, this taste for performance has been guided by values of respect and integrity. We strive to establish close and lasting relationships with all our partners based on trust, consideration and openness. We strive to make clear and transparent information available to everyone. Our customers' satisfaction is our priority. Conscious of the importance of environmental issues, we seek to implement solutions adapted to sustainable development.

These three fundamental founding values have, for many years, allowed us to achieve our established goals of sustainability, informed growth and independence, to which we are deeply committed.

Our organisation

Our 10,000 m² logistics platform, located at the heart of the port of Dunkirk, enables us to make over 8 million carefully selected and checked items permanently available to our distributor customers from all around the world.

We are totally in control of our operations and this, combined with the experience accumulated over generations, guarantees you genuine expertise and reliable, consistently high-quality products. Our competent, dynamic teams are attentive to your needs, ensuring a high level of responsiveness and optimum service.

S U M M A R Y

THE HEAD

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[**WIDE FIELD
OF VISION**]



Inside view



Removable foam



Without foam

EVAMO USS

Pivoting temples. Anti-scratch and anti-fog polycarbonate clear lens. Lens with an easy removable foam, comfortable and practical.

EN 166 (FT, optical class 1). EN 170 (2C-1,2)



10x10



46 g

SINGER



EVALASTE

Same as EVAMO USS
but with adjustable elastic headband.

EN 166 (FT, optical class 1). EN 170 (2C-1,2)



10x10



50 g

SINGER



Inside view



Removable foam



Without foam

EVAFOM

Anti-scratch and anti-fog clear polycarbonate lenses.

Lens with an easy removable foam, comfortable and practical. Very ergonomic shape providing and excellent protection. Bi-injected ventilated sidearms with slip resistant inserts. Slip resistant nose bridge.

EN 166 (F, optical class 1). EN 170 (2C-1,2)

 10x10  31 g

SINGER 

EVAFOMA

Same as EVAFOM
but with smoked lens, black and orange colour.

EN 166 (F, optical class 1). EN 172 (5-2)

 10x10  31 g

SINGER 





**[INNOVATION RESISTANCE
AND LIGHT WEIGHT]**



EVARUN

Metallic-silver painted polycarbonate frame offers lightweight and durability. Single piece clear polycarbonate curved (7°) lens. TPR + polycarbonate temples. Anti-scratch lenses treatment.

EN 166 (FT, optical class 1). EN 170 (2C-1,2)



10x10



27 g

SINGER



EVARUNA

Same as EVARUN but with smoke lenses.

EN 166 (FT, optical class 1). EN 172 (5-3,1)



10x10



27 g

SINGER



INCREDIBLY LIGHTWEIGHT



EVALOR

Thin bi-injected sidearms with slip-resistant inserts. Gloss finish frame and temples. Anti-scratch and anti-fog curved polycarbonate clear lenses. Slip resistant nose bridge. Fits with perfection the shape of the face for an excellent protection. Stylish design.

EN 166 (F, optical class 1). EN 170 (2C-1,2)

 10x10  22 g 

SINGER 

EVALORA

Same as EVALOR but with smoke lenses.

EN 166 (F, optical class 1). EN 172 (5-3,1)



 10x10  22 g  **SINGER** 

**EVATREND**

Sunglasses. UV Resistance (**UV 400**). Slim polycarbonate temples. Silver mirror lens. Anti-fog and anti-scratch treatment. Slip resistant insert on temples and nose bridge. Lenses thickness: 2.20 mm.

EN 166 (F, optical class 1). EN 172 (5-1.7)



10x10



24 g

SINGER 

[EVASHARK SERIES]



EVASHARKGCA

Adjustable sidearms (4 positions). Anti-scratch and anti-fog treated clear polycarbonate lenses. Grey frame. Perforated temples for adjustable cord (ACCCORD2N).

EN 166 (FT, optical class 1). EN 170 (2C-1,2)

10x10 31 g

SINGER

EVASHARKBBA

Same as EVASHARKGCA but with metallic blue frame and fashionable blue smoke mirror lenses.

EN 166 (FT, optical class 1). EN 172 (5-3,1). ISO12312-1. Class 3

10x10 31 g

SINGER



EVASHARKMSA

Same as EVASHARKGCA but with metallic brown frame and smoke lenses.

EN 166 (FT, optical class 1). EN 172 (5-2).

10x10 31 g

SINGER



EVASHARKNJA

Same as EVASHARKGCA but with black frame and amber coated lenses.

EN 166 (FT, optical class 1). EN 170 (2C-1,2).

10x10 31 g

SINGER



EVASHARKNGA

Same as EVASHARKGCA but with black frame and green lenses.

EN 166 (FT, optical class 1). EN 170 (2C-1,7).

10x10 31 g

SINGER



**[CAN BE WORN OVER
PRESCRIPTION LENSES]**



EVA07

Overspectacles made up of one piece wide clear antiscratch polycarbonate lens with protective side-shields. Pivoting frame and adjustable blue temples length. Perforated temples for adjustable cord (ACCCORD2N). Can be worn over most of prescription lenses.

EN 166 (FT, optical class 1). EN 170 (2C-1,2)



10x10



34 g

SINGER



EVALUNABE

Soft clear PVC nose bridge. Polyamide frame. Anti-slip sidearms. Anti-scratch and anti-fog clear polycarbonate lenses.

EN 166 (FT, optical class 1). EN 170 (2C-1,2)



10x10



29 g

SINGER

[EVA86 SERIES]



EVA86AB - Anti-fog lens

EVA86 - Not anti-fog lens

One piece panoramic lens. Adjustable polyamide sidearms. Anti-scratch lens. Clean lens.

EN 166 (FT, optical class 1). EN 170 (2C-1,2)



10x10



27 g

SINGER



EVA86ABB

One piece panoramic lens. Adjustable polyamide sidearms. Anti-scratch and anti-fog lens. Blue lens.

EN 166 (FT, optical class 1). EN 170 (2C-1,7)



10x10



27 g

SINGER

EVAORAN

Single piece clear polycarbonate curved (9°) lens.
TPR + polycarbonate lens. Orange and black colour.
Molded-in nose bridge.
Anti-scratch and anti-fog treatment.
Perforated temples for adjustable cord (ACCCORD2N).

EN 166 (FT, optical class 1). EN 170 (2C-1,2)



SINGER



EVARED

Single piece clear polycarbonate curved (9°) lens. TPR + polycarbonate lens. Red and black colour. Molded-in nose bridge. Anti-scratch treatment. Perforated temples for adjustable cord (ACCCORD2N).

EN 166 (FT, optical class 1). EN 170 (2C-1,2)



SINGER



EVAREDA

Single piece smoked polycarbonate curved (9°) lens.
TPR + polycarbonate lens. Red and black colour.
Molded-in nose bridge.
Anti-scratch and anti-fog treatment.
Perforated temples for adjustable cord (ACCCORD2N).

EN 166 (FT, optical class 1). EN 172 (5-3,1)



SINGER



EVASAND

One piece wide clear anti-scratch polycarbonate lens with protective side-shields. Pivoting frame and adjustable grey temples length. Comfortable nose pad.

EN 166 (FT, optical class 1). EN 170 (2C-1,2)



SINGER



[**VERY ENVELOPING**]

[**PIVOTING AND ADJUSTABLE FRAME**]





INCREDIBLY LIGHTWEIGHT



EVALIT

Clear one piece polycarbonate anti-fog and anti-scratch lens. Wraparound shape for perfect protection. Black ventilated temples.

EN 166 (FT, optical class 1). EN 170 (2C-1,2)



10x10



23 g

EVASUR

One piece anti-scratch lens.
Sideshields incorporated in the sidearms.
Clear polycarbonate lens.
Slip resistant temples with TPR.

EN 166 (FT, optical class 1). EN 170 (2C-1,2)

 10x10  27 g  **SINGER** 



EVAMED

One piece polycarbonate clear lens.
Sideshields incorporated in the sidearms.
Very thin and lightweight safety spectacles.

EN 166 (FT, optical class 1). EN 170 (2C-1,2)

 10x10  24 g 



EVASUN

One piece polycarbonate smoke lens.
Sideshields incorporated in the sidearms.
Very thin and lightweight safety spectacles.

EN 166 (FT, optical class 1). EN 172 (5-3,1)

 10x10  24 g 



**EVALANKA**

Pivoting black polyamide frame. Adjustable black temple length. Clear polycarbonate lens integrating the sideshields for a perfect protection. Clear anti-scratch polycarbonate. Perforated temples for adjustable cord.

EN 166 (FT, optical class 1). EN 170 (2C-1,2)



SINGER



EVASPORTB - Blue colour

EVASPORTN - Black colour

EVASPORTNAB - Black colour & Anti-fog lens

Length adjustable temples. Polyamide frame. Polycarbonate lens integrating the sideshields for a perfect protection. Clear anti-scratch polycarbonate. Perforated temples for adjustable cord.

EN 166 (FT, optical class 1). EN 170 (2C-1,2)



SINGER

**EVASTAR**

Visitor spectacles with large ventilated sidearms. No metallic parts (100% polycarbonate). Sideshields integrated in the sidearms. Perforated temples for adjustable cord.

EN 166 (FT, optical class 1). EN 170 (2C-1,2)



SINGER

**EVALAB**

Protection spectacles – visitor style with large ventilated sidearms. Lenses and frame in clear polycarbonate. Lenses thickness: 2.00 mm. Perforated temples for adjustable cord.

EN 166 (FT, optical class 1). EN 170 (2C-1,2)

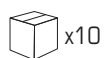


Prosup



ACCETUI

Synthetic case for spectacles.
Clip belt attachment. Keep your equipment away from dust scratch and impact. Colour: black.

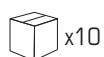


SINGER



ACCETUI2

Black soft synthetic case for spectacles.
Keep your equipment away from dust.

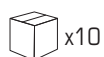


SINGER



ACCETUI3

Strong EVA case for spectacles. Dark colour.
With zipper closing, hook and belt loop.

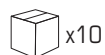


SINGER



ACCORD2N

Elastic round cord for spectacles. Adjustable length. Clip connectors.
Very easy to connect on eyewear with perforated temples.
Black colour: 33,5 cm x 2 mm. (EVASPORT, EVASTAR, EVASHARK, EVA07, EVARED, EVALOR, EVALORA, EVALAB, EVASUR).

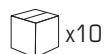


SINGER



ACCORD3N

Elastic round cord for spectacles. Adjustable length.
Loop connectors. Black colour: 32 cm x 2,30 mm.

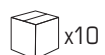


SINGER



ACCORD4

Elastic flat cord for spectacles. Adjustable length.
Elastomer slip-resistant loop connectors.
Black colour: 28 cm x 1,00 cm.

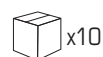


SINGER



ACCTISSN

Lens cleaning tissue in polyester
15 x 15 cm. Black colour.



SINGER



**AGAINST
CHEMICAL RISKS,
ANTI-FOG TREATMENT**

**DOUBLE LENS
PROTECTION:
PVC/ACETATE**



EVASAFE

Premium safety goggle. Unvented. With UV protection. Lenses: double safety clear lenses. Inside anti-fog acetate lens 0.50 mm (marking N). Outside anti-scratch polycarbonate lens 2.30 mm (marking K). Body: soft and comfortable elastomere. Neoprene elastic headband. Wide edge and comfortable nose bridge.

EN 166 (BT, 3, 4, 5, 9, K, N, optical class 1) EN 170 (2C-1,2)



12x6



143 g

SINGER



ACCGUARD

Protective visor to fix on the EVAGUARD goggle.

EN 166, (BT, 3)



10x10



60 g

[**WIDE FIELD
OF VISION**]



EVAGUARD

Quality safety goggle. P.V.C frame. Unvented. Panoramic clear anti-scratch and anti-fog polycarbonate curved lens. Lens thickness: 2.30 mm. Quick adjustable elastic headband. The wide peripheral vision provides high levels of comfort and maximum protection. Can be fitted with the visor ACCGUARD to form a complete face protection.

EN 166 (BT, 3, 4, 5, optical class 1), EN 170 (2C-1,2)



6x10



110 g

SINGER

**[FLEXIBILITY
AND PROTECTION IN
DAMP ENVIRONMENT]**



EVACANA

Original model featuring a super wide lens for an excellent panoramic vision. Dual injected soft frame with pressure free fit tight seal design. Anti-scratch and anti-fog clear polycarbonate screen. Large and easy adjustable elastic headband. Fits over most prescription lenses.

EN 166 (BT, 3, 9, N, optical class 1)



10x10



83 g

SINGER

**[PROTECTION IN
DAMP ENVIRONMENT]**



EVA03

PVC frame with direct ventilation. Clear panoramic anti-scratch and anti-fog polycarbonate curved lens. Enhanced peripheral vision. Quick adjustable elastic headband provides fast, comfortable and easy fit for all wearers.

EN 166 (BT, 3, 4, 9, optical class 1)



10x10



90 g



SINGER

**[PROTECTION
AGAINST DUST IN
DRY ENVIRONMENT]**



EVAFLEX

Black TPU frame. Soft foam seal all around the mask edge for a high level of comfort and a perfect fit. Wide easy adjustable headband. Curved clear lens with anti-scratch and anti-fog treatment. Can be worn over most of prescription lenses.

EN 166 (BT, 3, 4, 5, optical class 1),
EN 170 (2-1,2)



9x6



125 g

SINGER

EVAPRO

PVC frame with 4 caps vents. Quick adjustable elastic headband provides fast, comfortable and easy fit for all wearers. Clear panoramic anti-scratch and anti-fog polycarbonate lens. Can be worn over prescription lenses.

EN 166 (BT, 3, 4, 9, optical class 1)

10x10 120 g **SINGER**

**LIQUID SPLASH
PROTECTION**



**INDIRECT
VENTILATION**



EVARIO

PVC frame with 4 cap vents. Adjustable headband. Clear anti-scratch and anti-fog polycarbonate lens.

EN 166 (BT, 3, 4, 9, optical class 1)

10x10 76 g **SINGER**



EVAMAS

Soft PVC frame with direct ventilation. Adjustable headband. Clear polycarbonate lens.

EN 166 (BT, 4, 9, optical class 1)

10x10 81 g **SINGER**

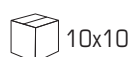




EVASOUD

Smoked polycarbonate curved (10°) lens. Inside EVA foam. Anti-scratch and anti-fog treatment. Removable polycarbonate temples. Removable elastic headband: 60% polyester, 40% elastane.

EN 166 (FT, optical class 1), EN 169 (scale n° 5), EN 171 (scale n° 4-5), EN 175 (F)



EVASPORTN5

Length adjustable polyamide temples.
Smoke polycarbonate lens and sideshields.

EN 166 (FT, optical class 1), EN 175 (F),
EN 169 (scale n° 5), EN 171 (scale n° 4-5)



SINGER



EVASPORTN3

Length adjustable polyamide temples.
Smoke polycarbonate lens and sideshields.

EN 166 (FT, optical class 1), EN 175 (F),
EN 169 (scale n° 3)



SINGER



EVASTARN5

Visitor style with large ventilated smoke polycarbonate
sidearms. One piece polycarbonate smoke lens.

EN 166 (FT, optical class 1), EN 175 (F),
EN 169 (scale n° 5), EN 171 (scale n° 4-5)



SINGER



LUN225

Mask with PVC frame and flip-up glass.
Indirect ventilation (4 aerators). Sold with round lenses.

EN 166 (F, optical class 1), EN 175 (F), EN 169 (scale n° 5)



SINGER



[METAL FREE]



Inside view

**ACC1190E2**

Spare front clear visor for MS1190

EN 166 (F, optical class 1)

**MS1190**

Opto-electronic welding hood. Moulded in rigid high-strength black polypropylene. A clear PC protective cover lens is secured to the front and rear frames. The frontal viewing window is equipped with a solar cell and filter for welding operations, in shades 4/9-13 (fixed shade 4, automatically variable shade ranging from 9 to 13). Response time 1/25,000 s. Interior field of vision 92 x 42 mm. Dimensions of filter 110 mm x 90 mm x 9 mm. 2 sensors.

EN 166 (F, optical class 1), EN 175 (F), EN 379 (4/9-13 SINGER 1/1/1)



**EVA300**

Polypropylene welding hood equipped with a headgear and a flip-up window.
To be used with specific lenses (sold separately).

EN 166, EN 175 (F)



10x1

SINGER 

ACCVMI900 - Clear mineral glass. 105 x 50 mm

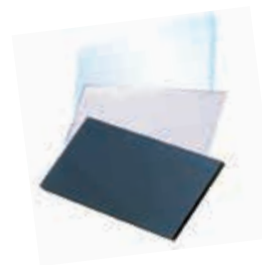
ACCVP10550 - Clear polycarbonate. 108 x 51 mm

ACCVP13900 - Welding Protane® filter: Smoked mineral glass. 108 x 51 mm. Scale n° 13.

ACCVP11900 - Welding Protane® filter: Smoked mineral glass. 108 x 51 mm. Scale n° 11.

ACCVP10900 - Welding Protane® filter: Smoked mineral glass. 108 x 51 mm. Scale n° 10.

EN 166, EN 169



x100



[**FACE SHIELD
WITH EAR-MUFFS**]



HG825L

Spare mesh visor
(385 x 195 mm).

EN 1731 (F)

 20x10

HG925N

Forest kit which includes a black polypropylene browguard (HG900) with ratchet headgear, ear-muffs (HG106J) and a large mesh visor HG825L (385 x 195 mm). Delivered dismantled.

EN 1731 (F), EN 352-1 SNR 27,6dB (H:30,4dB M:24,9dB L:17,7dB).

 30x1

**ACC825**

Spare mesh visor
(305 x 195 mm).

EN 1731 (F)

**EVA825**

Features a yellow impact brow protector with ratchet headgear and a stainless steel mesh swivel-up visor (305 x 195 mm).

EN 1731 (F)



SINGER



ACC805 305 x 190 mm.

ACC805LARG 395 x 200 mm.

Spare polycarbonate visor

EN 166 (B, optical class 1)

**EVA805**

Features a yellow impact brow protector with ratchet headgear and a clear swivel-up polycarbonate visor (305 x 190 mm). Thickness: 1.00 mm.

EN 166 (B, optical class 1)



SINGER



FORCECAL

Blue protective browguard with ratchet headgear. Front sweatband and back comfort foam pad. Tested against the short circuit electric arc (Mark «8»). To be used with the visors FORCE805, ACC930CL or ACC930TL. (ACC930CL and ACC930TL are not tested against the electric arc).

EN 166. EN 1731 (S)



10x1

SINGER



**[TESTED AGAINST
THE SHORT CIRCUIT
ELECTRIC ARC]**

FORCE805

Clear polycarbonate spherical visor.
(400 x 225 mm).
Thickness: 2.00 mm.

EN 166 (3, 8, 9, BT, optical class 1)
EN 170 (2-1,2).



50x1



ACC930CL

Clear polycarbonate spherical visor.
(400 x 225 mm).
Thickness: 2.00 mm.

EN 166 (BT, optical class 1).
EN 170 (2-1,2).



50x1



ACC930TL

Smoke polycarbonate spherical visor.
(400 x 225 mm).
Thickness: 2.00 mm.

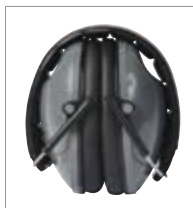
EN 166 (BT, optical class 1).
EN 172 (5-3,1).



50x1

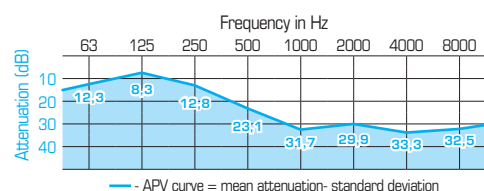




**[LIGHT WEIGHT AND
SUPER COMPACT]**

HG803G

Light weight ear-muffs. Foldable and super compact.
Grey adjustable cups. Gloss finishing.
Headband equipped with comfortable cushions.
Black highly comfortable cushions.
High density inside foam.

Packed under individual blister.



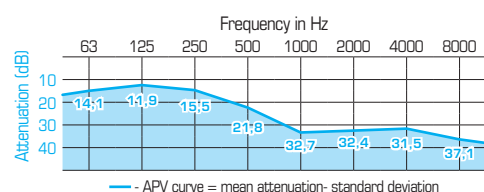
SNR 26,3dB (H:31,8dB M:23,6dB L:14,9dB). EN 352-1

6x8 174 g **SINGER**


**[VERY LIGHT WEIGHT
AND ERGONOMIC]**
HG813G

Light weight ear-muffs.
Grey adjustable cups. Gloss finishing.
Headband equipped with a comfortable cushion.
Black highly comfortable cushions.
High density inside foam.

Packed under individual box.



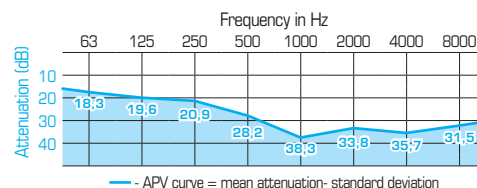
SNR 28,1dB (H:32,9dB M:25,1dB L:17,9dB). EN 352-1

24x1 156 g **SINGER**



**HG107PNR**

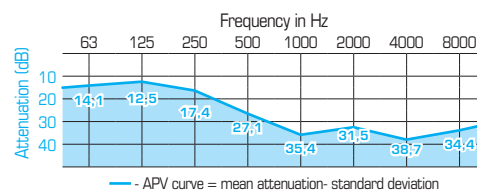
Compact and foldable ear-muffs. Foldable design, easy to store.
Maximum protection. Soft and comfortable foam on headband.



SNR 33dB (H:34dB M:31dB L:24dB). EN 352-1

**SINGER****HG106PNR**

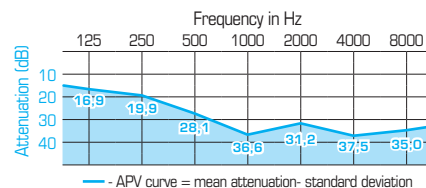
Compact and foldable ear-muffs. Foldable design, easy to store.
Soft and comfortable foam on headband.



SNR 30dB (H:34dB M:28dB L:19dB). EN 352-1

**SINGER****HG105NR**

Very comfortable ear-muffs.
Soft and comfortable foam on headband.

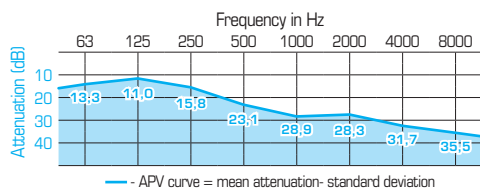


SNR 32dB (H:34dB M:30dB L:23dB). EN 352-1

**SINGER**

HG106J

Light weight ear-muffs. Yellow cups adjustable on headband.
Headband equipped with black comfortable cushions.
Soft and comfortable cushion on headband.



SNR 27,6dB (H:30,4dB M:24,9dB L:17,7dB). EN 352-1

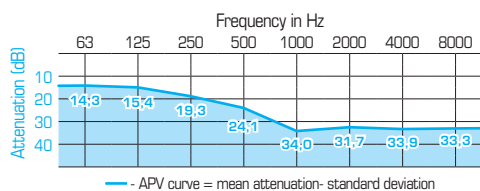


SINGER



CASBRUITPC

Compact and foldable ear-muffs. Very easy to store.
Red cup equipped with black comfortable cushions.



SNR 30,4dB (H:33,0dB M:27,8dB L:21,3dB) EN 352-1

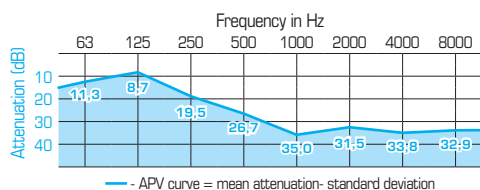


SINGER



CASBRUI

Light weight ear-muffs. Red cups adjustable on headband.
Equipped with black comfortable cushions.



SNR 29,3dB (H:33,4dB M:27,2dB L:17,3dB). EN 352-1

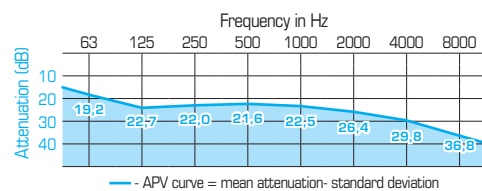


SINGER



**HGB250C**

3 rings, orange TPR (thermoplastic rubber) corded ear-plugs.
Display boxes of 200 pairs. Re-usable.
Each pair under individual polybag.



SNR 27dB (H:27dB M:23dB L:23dB). EN 352-2

10x1

SINGER

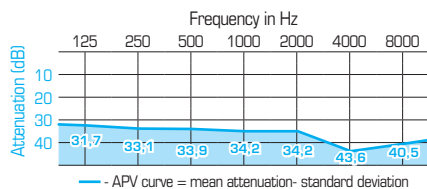
HGBDTC

Corded detectable ear-plugs.

Soft and comfortable. In polyurethane.

Corded. Conical shape for easy insertion. Single use. Blue colour.

Display boxes of 200 pairs. Each pair under individual polybag.



SNR 37dB (H:36dB M:35dB L:34dB). EN 352-2

10x1

SINGER

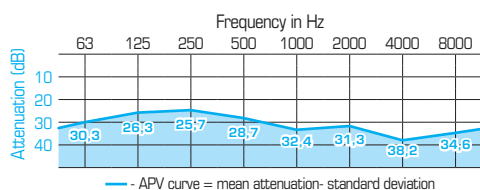


HGB030C - Corded.

Display boxes of 200 pairs.

Smooth and comfortable ear-plugs. Made of PU foam.

Disposable. Colour: orange. Each pair under individual polybag.



SNR 34dB (H:33dB M:31dB L:28dB). EN 352-2

10x1

SINGER

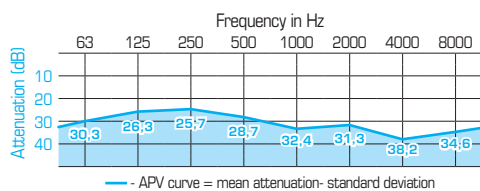


HGB030 - Uncorded.

Display boxes of 200 pairs.

Smooth and comfortable ear-plugs. Made of PU foam.

Disposable. Colour: orange. Each pair under individual polybag.



SNR 34dB (H:33dB M:31dB L:28dB). EN 352-2

10x1

SINGER



**HG11RB**

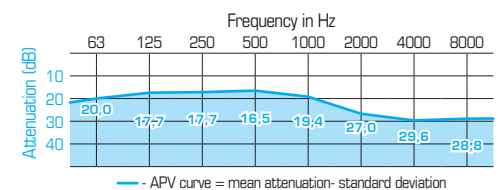
Spare orange ear-plugs
for HG11.
Single use. **200 pairs.**



12x1

HG11

Black foldable and re-usable PP headband.
With single use orange PU ear-plugs. Size M.



Passes under the chin.

SNR 24dB (H:26dB M:20dB L:18dB). EN 352-2



6x40

SINGER **HG548NJR**

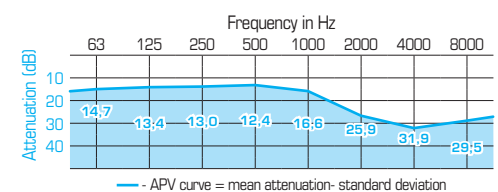
Spare yellow ear-plugs
for HG548NJ.
Single use. **1000 pieces.**



10x1

HG548NJ

Re-usable black plastic headband.
Yellow polyurethane ear-plugs (Single use). Sizes: S, M, L.



Passes under the chin.

SNR 21dB (H:24dB M:16dB L:14dB). EN 352-2



10x40

**SINGER**


DISTB

Ear-plugs dispenser. Catch basin prevents ear-plugs from falling to the ground.

Delivered without ear-plugs


SINGER

RECB01

Ear-plugs refill. Model HGB030. **1 000 pieces.**


HGB20

Ear-plugs in box of 20 pieces


SINGER

BTB02

For perfect hygiene keep your ear-plugs in a clean area, away from dust. You will find this small belt clip-up box very useful.

Delivered without ear-plugs.


SINGER



[VENTILATED
VERSION]

[LIGHT
AND ERGONOMIC]



FORCEB



FORCEJ



FORCEO

FORCEW

In ABS, 8 points suspension; web suspension. PE headgear with ratchet easy system adjustment. 53-66 cm. Back comfort foam pad. Front sweatband. Delivered preassembled. **With optional test: Tested at low temperatures: -30°C.**

EN 397



4x5

SINGER



FORCE2B



FORCE2O



[TESTED AGAINST
THE SHORT CIRCUIT
ELECTRIC ARC]



Inside view

FORCE2W

Same as FORCE but with optional tests:
Tested at low temperatures: -30°C.
Electrical isolation 440 V. Melting metal
projection « MM ». **Class 0. (1000 V c.a.).**

EN 397, EN 50365



4x5

SINGER

All the accessories are suitable for the FORCE and FORCE2

**ACCFORCE**

Spare front sweatband.



10x10



[26dB]

FORCE107

Ear-muffs.

EN 352-3. SNR 26dB (H: 28 M: 24 L: 17).



20x1

**FORCEJUG**

Chin strap.
In textile and plastic.



10x10

**FORCEACC**

Set of 2 adaptors to fix the face shield holder
FORCESUP on helmet. Not required in case
of combined use of a visor with ear-muffs.



10x1

**FORCESUP**

Face shield holder. To be used with
adaptors (FORCEACC) or without
adaptors in case of use of ear-muffs.

EN 166 (3, 8, 9, BT), EN 175 (S)



10x1



ACC805 305 x 190 mm.

ACC805LARG 395 x 200 mm.

Spare clear polycarbonate visors.

EN 166 (B, optical class 1)



200x1

**ACC825**

Spare mesh visor. 305x195 mm.

EN 1731 (F)



200x1

**ACC930TL**

Spare smoke polycarbonate
spherical visor. (400 x 225 mm)
Thickness: 2.00 mm.

EN 166 (BT, optical class 1).
EN 172 (5-3, 1).



50x1

**ACC930CL**

Spare clear polycarbonate
spherical visor. (400 x 225 mm)
Thickness: 2.00 mm

EN 166 (BT, optical class 1).
EN 170 (2-1, 2).



50x1



**TESTED AGAINST
THE SHORT CIRCUIT
ELECTRIC ARC**

FORCE805

Spare clear polycarbonate
spherical visor. (400 x 205 mm).
Thickness: 2.00 mm.

EN 166 (3, 8, 9, BT, optical class 1)
EN 170 (2-1, 2).



50x1

**LUNIRIS2**

Spare glasses

EN 166, EN 170

**CASIRISBL2**

Polyamide working helmet IRIS2 with flip-up spectacle.
Adjustable ventilation. Ratchet adjustment.

EN 397, EN 166, EN 170



**[AVAILABLE IN
MANY COLOURS]**

CAS5RSW

Polyethylene. 6 points web suspension with front
sweatband. Manual adjustment headgear.
Delivered dismantled.

EN 397



**[AVAILABLE IN
MANY COLOURS]**

CASBLANC

In polyethylene with ventilation.

EN 397



HG902W

White colour. In ABS, 4 points suspension.
PE headgear with ratchet easy system
adjustment. Front sweatband. Back
comfort foam pad. Delivered dismantled.

EN 397



40x1

SINGER

**HG03N**

Chin strap.
In textile and plastic.



20x50

**HG867**

Visor holder.
Delivered with the adaptor HG18.

EN 166 (3, B), EN 1731 (F)



6x10

**ACC805LARG**

Polycarbonate Visor.
For use with the adaptor HG18 and
the face shield holder HG867.

EN 166 (B, optical class 1)



200x1

**HG187**

Ear-muffs yellow and black colour.
Perfect fit and very comfortable.
261g.

EN 352-3.SNR 23dB (H: 28 M: 20 L: 12).



60x1

**HG18**

2 adaptors are required to fix the face
shield holder HG867.
(not required in case of combined use
of visor/ear-muffs). Sold per piece.



300x1

**HG825L**

Mesh visors.
For use with the adaptor HG18 and
the face shield holder HG867.

EN 1731 (F)



20x10







FOREST1

Includes: FORCEO helmet; FORCE107 ear-muffs; FORCESUP visor holder and a mesh visor.
Delivered dismantled in one box.

EN 397, EN 352-3, EN 1731.



SINGER



HGCF01

This forest helmet includes the safety helmet HG9020, ear-muffs HG1670, face shield holder HG867 and mesh visor HG825L.

EN 397, EN 1731, EN 352-3.



SINGER



**[VENTILATED
VERSION]**



ALPINJ



ALPINO



ALPINBK

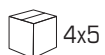


ALPINW

ALPINHV

High resistant polycarbonate shell. 8 points textile suspension harness. This harness is adjustable in two different positions, high or low, and features a holding plate for a perfect fit. **Plastic headgear** with convenient ratchet adjustment. Comfortable foam pad at the rear of the headgear. Front comfortable sweatband. 4 points woven chin strap with plastic buckle. 4 external headlamp clips on shell. Delivered preassembled. Optional test: tested at low temperature - 30°C.

EN 397



**LUNALP**

Safety glasses suitable for the helmet ALPIN.

EN 166
(FT, N, optical class 1).
EN 170 (2C-1,2)



10x1

ALPINW2

High resistant polycarbonate shell. 8 points textile suspension harness. This harness is adjustable in two different positions, high or low, and features a holding plate for a perfect fit.

Plastic headgear with convenient ratchet adjustment.

Comfortable foam pad at the rear of the headgear.

Front comfortable sweatband. 4 points woven chin strap with plastic buckle. 4 external headlamp clips on shell.

Delivered preassembled.

Optional test: tested at low temperature - 30°C.

EN 397



4x5

SINGER



**[UNVENTILATED
VERSION]**

**LUNKARA**

Safety glasses suitable for the helmet CAS7001.

EN 166, EN 170



10x1

CAS7001

Safety helmet with short visor.

Ventilated moulded shell in A.B.S.

4 point textile suspension and low density polyethylene headgear with adjustable ratchet system (53 to 63 cm).

Equipped with woven chin strap with plastic buckle,

for working at height. White colour.

EN 397



x1



**[HELMET FOR
WORKING AT
HEIGHT]**

**LP1013**

ATEX flashlight: LED 1 W Osram. Run time: 14h55.
 Power: 80 lm. Power source: 4 batteries «AA» (not included).
 Dimensions: 175 x 45 x 45 mm. Beam distance: 122 m.
 Water-resistant: 1 m (IP67).
 Push button at the end of the lamp. Colour: yellow and black.

EX II 1G Ex ia IIC T4 (certified by Demko)



6x1



105 g (without batteries)

**SINGER** **ACC1013**

The plastic clip can be used to clip the LP1013 torch on most of helmets.



10x1

SINGER **LP490**

Headlamp with free projection angle: LED: 1 x XP-L Cree LED.
 Run time: 4h to 64h. Power: 30 to 490 lm.
 Power source: 3 batteries «AA» (not included).
 Dimensions: 73 x 54 x 40 mm (lamp). 4 working modes.
 Red rear light (2 working modes). Beam distance: 34 to 147 m.
 Resistance to water and dust (IP64).
 Adjustable headband. Colour: black and red.



6x1



198 g (with batteries)

**SINGER** **LP330FB**

Headlamp with free projection angle: LED/XENON.
 Run time: 80h (LED) and 3h (XENON). Power source: 3 batteries
 «AAA» (included). Dimensions: 75 x 52 x 55 mm.
 3 working modes: 1 LED / 3 LED / XENON. Weather resistant.
 Adjustable headband. Colour: blue and black.

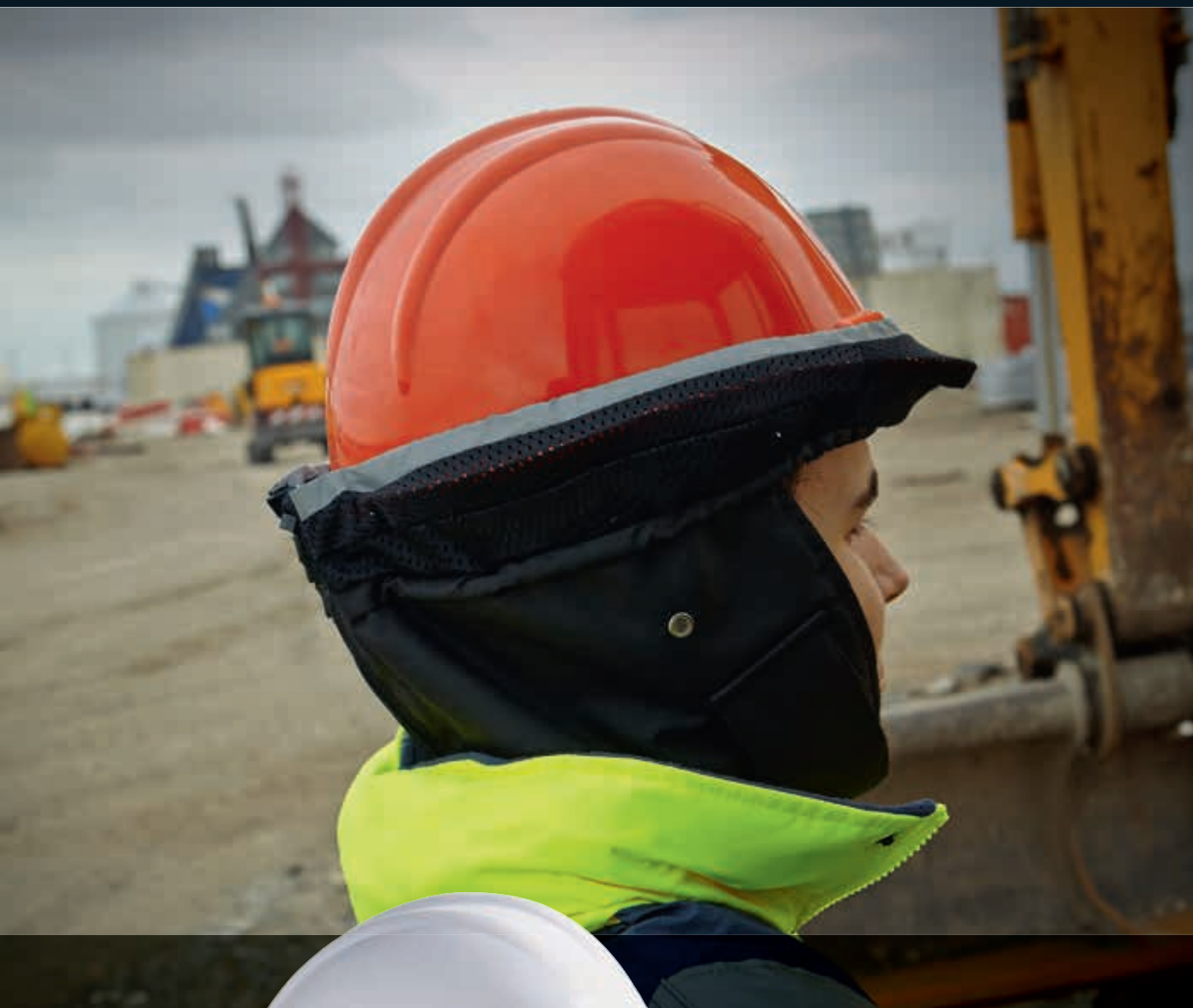


4x12



151 g (with batteries)

**SINGER**



[CAP AGAINST
COLD]

BREVA

Cap against cold for industrial helmets. Inside in Polar fleece polyester. Black colour.

**HG915B**

Blue colour.

Made of moulded A.B.S shell covered with a coloured cotton fabric cap. Front peak. Self grip fastening at the back.

Large side ventilation. Inside foam pad for wearer comfort and protection.

85% cotton / 15% polyester.

EN 812.

**HG915N**

Black colour

SINGER

**HG916B**

Same as HG915B

but with short peak (3 cm).

85% cotton / 15% polyester. Blue colour.

EN 812.



SINGER

**HG913B**

Blue colour.

Made of moulded A.B.S shell covered with a coloured cotton fabric cap. Front peak.

Self grip fastening at the back. Ventilated on both sides. Inside foam pad for wearer comfort and protection
100% cotton (65% polyester / 35% cotton for HG913HV) (45% cotton / 55% polyester for HG9130HV).

EN 812.



SINGER

HG914B

Same as HG913B
but with a short peak (3 cm).
100% cotton. Blue colour:

EN 812.



SINGER



**SIRAC**

Neck cover. Outside material: 47,5 % Modal®, 47,5 % cotton, 5 % elastane, 200 gsm. Modal® is a registered trademark from Lenzing AG company. Length: 55cm.



10x1



One size only

**SINGER** **SAGA**

Hood. Outside material: 47,5 % Modal®, 47,5 % cotton, 5 % elastane, 200 gsm. Modal® is a registered trademark from Lenzing AG company.



10x1



One size only

**SINGER** **CAFPOLA**

Polyamide. Padded.

Ear and neck protection in Polar polyester lining.

Adjustable chin strap. One size fits all. Blue colour.



10x10

**SINGER** **PASMONABL**

Acrylic. Knitted. With peak. Single size only.

Navy blue colour.



10x10

**SINGER** 

BONABL - Blue colour / **BONTHB** - Thinsulate® lined

BONOI - Black colour / **BONTHN** - Thinsulate® lined

Acrylic knitted. One size only.



10x10

**SINGER**

SOUDAC

Welding hood. Cow split leather, aramid yarn. Thickness: 1,4 mm ($\pm 0,1$).
Front opening with 3 press studs under leather flap.



EN ISO 11611
(Class 1/2 A11)



4x5

**PYROCAG**

Fire retardant protective hood.
Outside material: 98% cotton and 2% carbon, 350 gsm. Adjustment with hook-and-loop flap. Original system of hook-and-loops straps on top of the hood. Colour: blue.



EN ISO 11611
(Class 1 A1+A2)



EN ISO 11612
(Class A1+A2, B1 C1 E1)



EN ISO 1149-5



10x1

SINGER

**COTCAG**

Neck protection and drawstrings adjustment.
No permanent flame retardant cotton fabric.



10x10

SINGER

**CAP**

Cap made of cotton. Adjustment in the back. Black colour.



10x10

SINGER

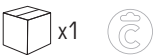




DM756S

Silicone half-mask.
Double support system made from a harness attached to the top and back of the head plus an elastic band. Exhalation valve for better breathing.
Twin filter respirator made of rubber (filters sold separately).

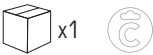
EN 140



DM756C

Rubber half-mask.
Double support system made from a harness attached to the top and back of the head plus an elastic band. Exhalation valve for better breathing.
Twin filter respirator made of rubber (filters sold separately).

EN 140



References	Type of filters EN 14387 and/or EN 143 For DM756C, DM756S	
755A1	A1 filters	✓
755A1P3	A1P3 filters	✓
755A2P3	A2P3 filters	✓
755ABEK1	ABEK1 filters	✓
755ABEK1P3	ABEK1P3 filters	✓
755P3	P3 filters	✓



DM761C

Single filter respirator made of natural rubber (filter sold separately).
Double support system made of a harness attached to the top and back of the head plus an elastic band.
Exhalation valves for better breathing.

EN 140



References	Type of filters EN 14387 for DM761C
760A1	A1 filters
760ABEK1	ABEK1 filters





Technical data

These filters are classified in types and classes according to the use and the filtering capacity.

EN 136: Respiratory protective devices.
Full face masks. Requirements, testing, marking.

EN 140: Respiratory protective devices.
Half-masks and quarter masks.

EN 14387: Gas filters and combined filters.

Type A (brown)	against gas and organic vapours with a boiling point superior to 60°C, specified by the manufacturer.
Type B (grey)	against certain gas and inorganic vapours, specified by the manufacturer.
Type E (yellow)	against sulphur dioxide, other gas, acid vapours, specified by the manufacturer.
Type K (green)	against ammonia and organic derivatives of ammonia, specified by the manufacturer.
EN 143	Filters against particules (solids and liquids). Classified according to the filter's efficiency (P1, P2, P3).

MP731R - Face piece in rubber.

MP731S - Face piece in silicone.

Anti-scratch treated polycarbonate panoramic visor. Harness made up of 5 easy adjustable straps.

Inside masks with two membranes for easy air circulation and mist prevention.

1 filter carrier (cartridge) with standard EN 148/1 threading. Delivered without cartridge. Delivered in a non-woven bag.

EN 136



References	Type of cartridge EN 14387 and/or EN 143 For MP731R and MP731S
725A2	A2 cartridge
725P3	P3 cartridge
725A2P3	A2, P3 cartridge
725AB2P3	A2, B2, P3 cartridge
725ABEK2	A2, B2, E2, K2 cartridge
725ABEK2P3	A2, B2, E2, K2, P3 cartridge
725ABEK2HgP3	A2, B2, E2, K2, Hg, P3 cartridge



Synthetic
gloves

**TAC10RED**

Liner: acrylic, seamless knitted. Gauge: 10.

Lining: acrylic terry. Elastic wrist.

Coating: latex foam, coated on palm.

Colour: orange and grey.



1.1.3.1.X



0.1.0



10x10



8→11

**SINGER** **LAT57**

Liner: polyamide, seamless knitted. Gauge: 13.

Lining: acrylic terry. Elastic wrist.

Coating: double. First layer: smooth latex, fully coated.

Second layer: sanded latex foam, coated on palm.

Colour: grey and black.



2.1.3.1.X



X.2.X



10x5



8→11

**SINGER** **SNOWFLEX**

Liner: polyamide, seamless knitted. Gauge: 10.

Lining: acrylic terry. Elastic wrist.

Coating: latex foam, fully coated. Colour: black.



3.2.2.2.B



X.2.X



10x10



9→11

**SINGER**

**NYM13LAT**

Liner: polyester, seamless knitted. Gauge: 13.
Elastic wrist. Coating: latex foam, coated on palm.
Colour: red and black.



2.1.3.1.X



10x10



8→11

**SINGER** **LAT157**

Liner: polyamide, seamless knitted. Gauge: 13.
Elastic wrist. Coating: double. First layer: smooth latex,
fully coated. Second layer: sanded latex foam, coated on palm.
Colour: grey and black.



2.1.3.1.X



10x10



8→11

**SINGER** 



[FINE WORK]

NYM15LG

Polyamide liner with creped latex coating.
Elasticated wrist. 15 gauge. Red colour, grey coating.



2.1.3.1.X



10x10



8→11



SINGERO



[FINE WORK]

NYM73LN

Polyester liner with creped latex coating.
Elasticated wrist. 13 gauge. Black colour.



3.1.3.1.X



10x10



9→11



Prosur

**NYM15HV6**

Polyester liner with creped latex coating.
Elasticated wrist. 15 gauge. Yellow colour, black coating.



2.1.3.1.X

**SINGER** **[HIGH VISIBILITY
LINING]****NYM73HVN**

Polyester liner with creped latex coating.
Elasticated wrist. 13 gauge. Yellow colour, black coating.



3.1.3.1.X

**Prosur** **[HIGH VISIBILITY
LINING]**

**CVBR**

Knitted glove with elasticated wrist.
Liner made from polyester which offers
a good ventilation and a good comfort.
Palm and fingers are coated with blocks of rubber foam
to reduce the vibration effects.



4.1.4.2.X

EN ISO 10819: 2013



5x10



9→10

**SINGER** **TAC10GT**

Acrylic liner. Crinkle latex coating on palm. Special long elastic
knitted wrist 10 gauge. Lining: brushed terry cloth. Grey colour.



1.1.2.1.X



X.1.X



10x10



8→11

**SINGER** 

TAC1025V

Polyester/cotton liner. Knitted wrist. Crinkle latex coating on palm. 10 gauge. Yellow and green colour.



2.1.4.1.X



10x10



8→10

**SINGER** **TAC1025O**

Polyester/cotton liner. Knitted wrist. Crinkle latex coating on palm. 10 gauge. Yellow and orange colour.



2.1.4.1.X



10x10



8→10

**SINGER** **TAC10BL**

Polyester liner with creped latex coating. Elasticated wrist. 10 gauge. Open back. Blue colour.



2.1.4.2.X



10x10



7→10

**SINGER** **TAC20BL**

Polyester liner with creped latex coating. Elasticated wrist. 10 gauge. 3/4 coated. Blue colour.



2.1.4.2.X



10x10



8→10

**SINGER** 

**LAT426IG**

Open back. Knitted wrist. Interlock cotton liner.
Crinkle finish palm. Green colour.



2.1.3.1.X



10x10



7→10

**SINGER** **LAT3130**

Fully dipped 30 cm. Rough finish palm.
Cotton interlock liner. Blue colour.



3.1.3.1.X

A.K.L.P.T
TYPE B

X.2.X.X.X.X



10x10



7→10

**SINGER** **LAT2130**

Fully dipped 30 cm. Smooth finish.
Cotton interlock liner. Blue colour.



3.1.3.1.A

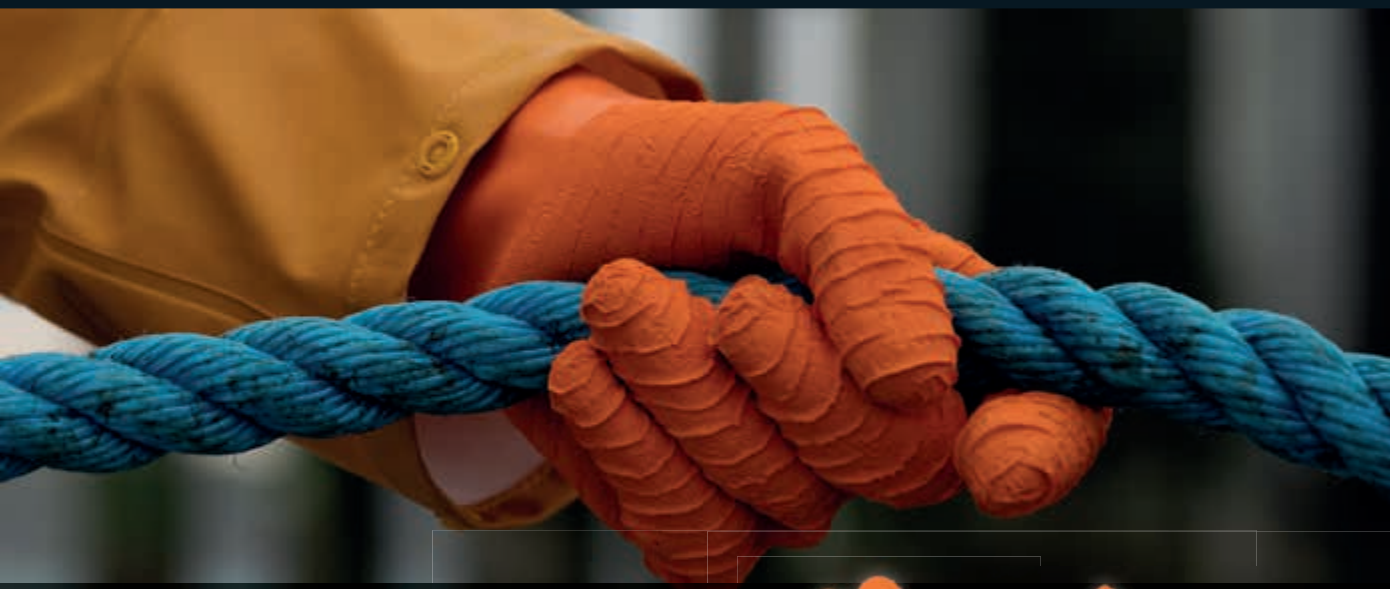
A.K.L.O.P.T
TYPE A

X.2.X.X.X.X



10x10

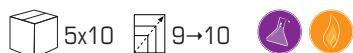
6¹/₂, 7¹/₂, 8¹/₂,
9¹/₂, 10¹/₂**SINGER**



LAT840

Liner: cotton, cut/sewn. Length: 40 cm.

Coating: Crinkle finish latex, fully coated. Colour: orange.



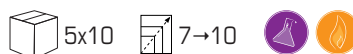
SINGER



LAT830

Liner: cotton, cut/sewn. Length: 31 cm.

Coating: Crinkle finish latex, fully coated. Colour: orange.



SINGER



**LAT2005**

Special cleaning. Natural latex. Cotton flock-lined.
Embossed diamond pattern on palm and fingers for better grip.
Length: 300 mm (*). Thickness: 0.45 mm (*). Colour: yellow.



10x10



7→10

**SINGER** **LAT2004**

Natural latex. Unlined. Embossed diamond pattern on palm and fingers for better grip. Length: 280 mm (*). Thickness: 0.39 mm (*).



10x10



7→10

**SINGER**

(*) Angaben in mm

LAT1025 / LAT1050

For electricians. Natural latex.
Unlined. (only for the protection against electric discharges).

Reference	Tested to	Tension of use	Class
LAT1025	2500 V	500 V	00
LAT1050	5000 V	1000 V	0



x1

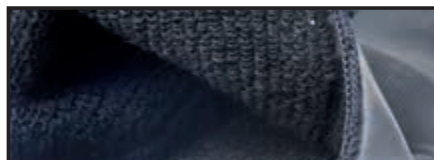


9→10





**[MULTI-RISK
CHEMICAL / COLD / WARM]**

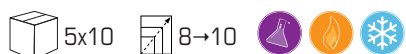


Unique and original!
Equipped with an acrylic terry
lining for a good insulation
protection
(cold / heat).



NE05040

Special cleaning in aggressive environments. Polychloroprene. Embossed diamond pattern on palm and fingers for better grip.
With acrylic terry lining. Length: 380 mm (*). Thickness: 0.68 mm (*). Colour: black.



SINGER

[*]. Average values

**NEO400**

Special cleaning in aggressive environments. Polychloroprene. Cotton flock-lined. Embossed diamond pattern on palm and fingers for better grip.
Length: 330 mm (*). Thickness: 0.68 mm (*). Colour: black.



2.0.1.1.X

B.K.L.O.P.T.
TYPE A

VIRUS



10x10



7→11

**SINGER** **NEO270**

Special cleaning in aggressive environments. Mixed latex/polychloroprene. Cotton flock-lined. Embossed diamond pattern on palm and fingers for better grip.
Length: 320 mm (*). Thickness: 0.68 mm (*). Colour: black.



2.0.1.1.X

J.K.L.N.P.T.
TYPE A

VIRUS



10x10



7→10

**SINGER** **NEO2040**

Special cleaning in aggressive environments. Neoprene. Cotton flock-lined. Embossed diamond pattern on palm and fingers for better grip.
Length: 410 mm (*). Thickness: 0.68 mm (*). Colour: black.



2.0.1.1.X

K.L.M.O.P.T.
TYPE A

10x10

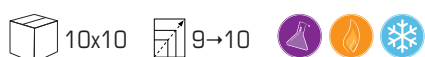


8→11

**SINGER**

**NITPOL30**

Full nitrile coated. Granular finish. Cotton liner, warm insulating black polar lining. Length 300 mm. Colour; blue.



**NIT2040**

Special cleaning in aggressive environments.

Unsupported. Nitrile. Embossed diamond pattern on palm and fingers.

Cotton flock-lined. Length: 410 mm (*). Thickness: 0,52 mm (*).



4.0.0.1.X A.J.L.O.P.T
TYPE A



10x10



8→11



SINGER

**NIT2018**

Special cleaning in aggressive environments.

Unsupported. Nitrile. Embossed diamond pattern on palm and fingers.

Cotton flock-lined. Length: 330 mm (*). Thickness: 0,45 mm (*).



3.1.0.2.X J.K.L.O.P.T
TYPE A



10x10



7→11



SINGER

[*]. Average values

**NIT1538**

Special cleaning in aggressive environments.

Unsupported. Nitrile. Embossed diamond pattern on palm and fingers.

Cotton flock-lined. Length: 330 mm (*). Thickness: 0,38 mm (*).



3.1.0.1.X A.J.K.L.M.N.O
TYPE A



10x10



7→11



SINGER

**NIT15**

Special cleaning in aggressive environments.

Unsupported. Nitrile. Embossed diamond pattern on palm and fingers.

Cotton flock-lined. Length: 330 mm (*). Thickness: 0,38 mm (*).



3.0.0.1.X J.K.L.N.O.T
TYPE A



10x10



7→11



SINGER

**GRIP157**

Seamless knitted liner (Polyamide).

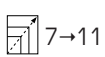
Nitrile double coating palm.

One first smooth grey coating with an additional black foam coating. Fully coated.

15 gauge. Elasticated wrist. Colour: black.



4.1.2.1.X



SINGER

**GRIPTOP**

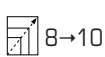
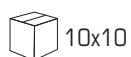
Nitrile double coating glove.

Polyamide liner. 18 gauge. Coating on palm.

One first smooth grey coating with an additional black foam coating. Knuckle coating version. Elasticated knitted wrist.



4.1.2.1.X



SINGER





OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100 

NYMFIT03

15 gauge. Coated palm. Without dots.

Liners made from polyamide / Elastane which offers good fit and sensitivity, superior comfort and dexterity.

Soft, foam nitrile coating on palm and polymer dots not only enhances protection but it also provides good wet grip by channeling away excess fluid from the surface. Glove provides good protection in dry handling conditions.



4.1.3.1.X



X.1.X.X.X.X



10x10



7→10



SINGER 

NYMFIT00

15 gauge. Coated palm. Dots on palm.



4.1.3.1.X



X.1.X.X.X.X



10x10



7→11

**SINGER** **OEKO-TEX®**
CONFIDENCE IN TEXTILES
STANDARD 100 **NYMFIT01**

15 gauge. 3/4 coated. Dots on palm.



4.1.3.1.X



X.1.X.X.X.X



10x10



6→10

**SINGER** **OEKO-TEX®**
CONFIDENCE IN TEXTILES
STANDARD 100 **NYMFIT02**

15 gauge. Fully coated. Dots on palm.



4.1.3.1.X



X.1.X.X.X.X



10x10



7→11

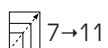
**SINGER** **OEKO-TEX®**
CONFIDENCE IN TEXTILES
STANDARD 100 

**PER200**

Glove with polyester and elastane mixed fibers. Seamless machine knit glove. Elasticated Wrist.
Coating: nitrile foam on palm. 15 Gauge.



4.1.2.1.X



PER100

Glove with polyester and elastane mixed fibers. Seamless machine knit glove. Elasticated Wrist. Open Back. Coating: nitrile foam on palm. Nitrile dots on palm. 15 Gauge.



4.1.2.1.X



10x10



8→11

**SINGER** **PER134**

Glove with polyester and elastane mixed fibers. Seamless machine knit glove. Elasticated Wrist. 3/4 coated. Coating: nitrile foam on palm. Nitrile dots on palm. 15 Gauge.



4.1.2.1.X



10x10



8→11

**SINGER** **PER157**

Glove with polyester and elastane mixed fibers. Seamless machine knit glove. Elasticated Wrist. Fully coated. Coating: nitrile foam on palm. Nitrile dots on palm. 15 Gauge.



4.1.2.1.X



10x10



8→11

**SINGER** 



**[SCREENTOUCH
GLOVE]**

NSA15T

Cold special Screen touch glove. Mixed acrylic / polyamid / Spandex liner. Ventilated back. 15 gauge. Soft textured nitrile coating on palm. Knitted wrist. Blue colour.



4.1.2.1.X



10x10



7→11



SINGER

NYM213NIB

Seamless knitted liner (Polyamide).

Nitrile coating on the palm.

13 gauge. Elasticated wrist. Colour: black.



3.1.2.1.X



10x10



7→11

**SINGER** **NYM13GB**

Polyamide liner. Nitrile coated on palm.

13 gauge. Elasticated wrist. Grey colour, black coated.



3.1.2.1.X



10x10



8→10

**SINGER** **NYM34GB**

Polyester liner - Nitrile coated 3/4 coated.

15 gauge. Elasticated wrist. Black colour.



4.1.2.1.X



10x10



7→11

**SINGER** 

**NYM157NB**

Polyester liner with nitrile coating. Fully coated.
15 Gauge. Elasticated wrist. Black colour.



4.1.2.1.X



10x10



6→11

**SINGER****NYM137NB**

Polyester liner with nitrile coating. Fully coated.
13 Gauge. Elasticated wrist. Black colour.



3.1.2.1.X



10x10



7→11

**Prosur****NYM13NIG**

Polyamide liner with nitrile coating. Open back. 13 gauge.
Elasticated wrist. White colour, grey coating.



4.1.2.1.X



10x10



6→10

**SINGER****NYM73NIG**

Polyester liner with nitrile coating. Open back. 13 gauge.
Elasticated wrist. White colour, grey coating.



3.1.2.1.X



10x10



7→10

**Prosur**

NBR327T

Cotton liner: Canvas safety cuff.
Fully coated with nitrile (Heavy coating).



4.1.2.1.B



10x10



9→10

**SINGER** **NBR327**

Cotton liner: Knitted wrists.
Fully coated with nitrile (Heavy coating).



4.1.2.1.B



10x10



8→10

**SINGER** **NBR1327**

Cotton liner: Knitted wrists.
Fully coated with nitrile (Heavy coating).



4.1.1.1.X



10x10



8→10

**Prosur** 

**NBR326**

Cotton liner. Knitted wrists.
 $\frac{3}{4}$ coated with nitrile (Heavy coating).



4.1.2.1.B



10x10



8→10

**SINGER** **NBR326T**

Cotton liner. Canvas safety cuff.
 $\frac{3}{4}$ coated with nitrile (Heavy coating).



4.1.2.1.B



10x10



9→10

**SINGER** **NBR1326**

Cotton liner. Knitted wrists.
 $\frac{3}{4}$ coated with nitrile (Heavy coating).



4.1.1.1.X



10x10



8→10

**Prosur**

NBR227

Cotton interlock liner. Knitted wrists.
Fully coated with nitrile (Light coating).



3.1.1.1.X



SINGER

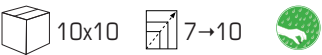


NBR226

Cotton interlock liner. Knitted wrists.
¾ coated with nitrile (Light coating).



3.1.1.1.X



SINGER



NBR1126B

Cotton interlock liner. Knitted wrists.
¾ coated with nitrile (Ultra-light coating).



3.1.1.1.X



Prosur



**[DEXTERITY AND
GOOD GRIP]**



NBR126

Cotton interlock liner. Knitted wrists.
¾ coated with nitrile (Ultra-light coating).



2.1.1.1.X



10x10



7→10



SINGER



NBR1126J

Cotton interlock liner. Knitted wrists.
¾ coated with nitrile (Ultra-light coating).



3.1.1.1.X



10x10



7→10



Prosur

NL00

Liner: polyamide, seamless knitted. Gauge: 18.
Elastic wrist. Coating: polyurethane, coated on palm.
Ventilated back. Colour: blue and black.



3.1.2.0.X



10x10



7→10


NINJA
Lite
**NL10**

Liner: polyamide, seamless knitted. Gauge: 18.
Elastic wrist. Coating: polyurethane, ¾ coated.
Colour: blue and black.



3.1.2.0.X



10x10



9→11


NINJA
Lite
**NYMFLEX**

Liner: polyamide, seamless knitted. Gauge: 15.
Lining: acrylic terry. Elastic wrist.
Coating: polyurethane, coated on palm.
Ventilated back. Colour: blue and black.



3.2.4.1.X



X.2.X



10x10



8→11

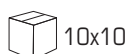

SINGER


**NYM15PUG**

Polyamide liner with polyurethane coating. Elasticated wrist. 15 gauge. Colour: grey.



3.1.3.1.X



10x10



6→11



NYM213PUG

Seamless knitted liner (polyamide).
Polyurethane coating on the palm. 13 gauge.
Elasticated wrist. Colour: grey.



3.1.2.1.X



10x10



7→11

**SINGER** **NYM713PUG**

Polyester liner with polyurethane coating. Elasticated wrist.
13 gauge. Colour: grey.



3.1.2.1.X



30x10



6→11

**Prosur****NYM713PUB**

Polyester liner with polyurethane coating. Elasticated wrist.
13 gauge. Colour: black.



3.1.2.1.X



30x10



7→11

**Prosur**

**NYM713PU**

Polyester liner with polyurethane coating. Elasticated wrist. 13 gauge. Colour: white.



3.1.2.1.X



30x10



6→11

**Prosur****NYM13F**

Polyester liner with polyurethane coating. Elasticated wrist. 13 gauge. Polyurethane coating on fingertips. Colour: white.



0.1.3.X.X



10x10



6→10

**SINGER**



[ANTISTATIC]

**NYM13AS**

Seamless knitted glove. Made from polyester and carbone threads. 13 Gauge.
Palm coated with polyurethane. Elasticated wrist. White colour.



2.1.3.1.X

EN 16350 Electrostatic characteristic:
« Vertical resistance: $R_v < 1.0 \times 10^8 \Omega$. »



10x10



7→11

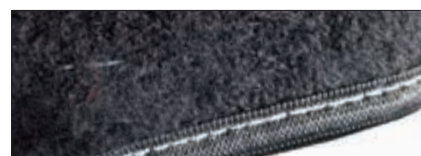
**SINGER**



The unique formulation coating,
with acrylic terry lining,
remains soft and flexible in temperature
as low as -50°C !



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



N100

Liner: polyamide with water repellent treatment, seamless knitted. Gauge: 15. Lining: acrylic terry. Elastic wrist.
Coating: HPT™, palm coated. Ventilated back. Treated with Actifresh®. Colour: black.



3.2.3.1.X



X.2.X



10x5



7-12



NINJA
Ice



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

N100HV

Liner: polyamide with water repellent treatment, seamless knitted.
Gauge: 15. Lining: acrylic terry. Elastic wrist.
Coating: HPT™, palm coated. Ventilated back.
Treated with Actifresh®. Colour: yellow and black.



3.2.3.1.X



X.2.X



10x5



8→11



NINJA
Ice



NI57

Liner: polyamide, seamless knitted. Gauge: 15.
Lining: acrylic terry. Elastic wrist. Coating: double.
First layer: HPT™, fully coated up to the wrist.
Second layer: HPT™, ¾ coated.
Treated with Actifresh®. Colour: grey and black.



3.1.3.2.X



1.3.0



10x5



8→11



SINGER



**NYMR15CFTN**

Liner: polyamide with water repellent treatment, seamless knitted. Coating: H.P.T™. Gauge 15. Elasticated wrist. Provides a soft and durable coating that repels liquids to provide a firm wet or dry grip.



3.1.3.1.X



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



10x10



7→11

**SINGER** **NYMV15CFTN**

Liner: polyamide with water repellent treatment, seamless knitted. Coating: H.P.T™. Gauge 15. Elasticated wrist. Provides a soft and durable coating that repels liquids to provide a firm wet or dry grip.



3.1.3.1.X



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



10x10



8→10

**SINGER**

**NYMR15D**

Liner: polyamide with water repellent treatment, seamless knitted. Coating: H.P.T™, on palm. Gauge 15. P.V.C dots on palm. Treated with Actifresh®. Elasticated wrist. Ventilated back.



3.1.3.1.X



10x10



8→10

**SINGER**

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

**N10**

Liner: polyamide with water repellent treatment, seamless knitted. Coating: H.P.T™, ¾ coated. Gauge 15. Treated with Actifresh®. Elasticated wrist.



3.1.3.1.X



10x10



7→10

**NINJA**
Ultimate

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100





Removable
fur

**[SPECIAL
LOW
TEMPERATURES]**

PVCKREM

Fully dipped on a seamless knitted liner. Triple dipped. 30 cm length.

Sandy finish hand. Smooth finish gauntlet.

Removable acrylic/wool fur lining for easy washing and drying. Blue colour.



4.1.3.1.X



1.2.1



A.K.L.M.P.T
TYPE A



5x10



10



SINGER



PVC535K

Fully triple dipped. 100% Cotton fleece seamless liner.

Sandy finish hand. 35 cm length.



4.1.2.1.X



A.K.L.M.P.T
TYPE A



5x10



8→11



SINGER



PVC3028

Fully double dipped.
100% cotton fleece liner. Sandy finish palm. 27 cm length.


4.1.2.1.X


J.K.L.M.P.S.T
TYPE A


VIRUS

 5x10

 9→10



SINGER 



PVC3040

Fully double dipped.
100% cotton fleece liner. Sandy finish palm. 35 cm length.


4.1.2.1.X


J.K.L.M.P.S.T
TYPE A


VIRUS

 5x10

 9→10



SINGER 



PVC3045

Fully double dipped.
100% cotton fleece liner. Sandy finish palm. 40 cm length.


4.1.2.1.X


J.K.L.M.P.S.T
TYPE A


VIRUS

 5x10

 10



SINGER 





PVC5201

Open back smooth finish.
100% cotton interlock liner.



4.1.1.1.X

10x10 9, 10



PVC5227

PVC gloves smooth finish. 27 cm -
Fully dipped.



4.1.1.1.X

10x10 10



PVC5235

PVC gloves smooth finish. 35 cm -
Fully dipped.



4.1.1.1.X

10x10 10



PVC728

Fully simple dipped.

100% cotton interlock liner. Smooth finish. 27 cm.



4.1.2.1.X

A.K.L.M.P.S.T
TYPE A

VIRUS

**SINGER** **PVC736**

Fully simple dipped.

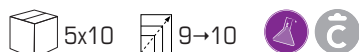
100% cotton interlock liner. Smooth finish. 35 cm.



4.1.2.1.X

A.K.L.M.P.S.T
TYPE A

VIRUS

**SINGER** **PVC740**

Fully simple dipped.

100% cotton interlock liner. Smooth finish. 40 cm.



4.1.2.1.X

A.K.L.M.P.S.T
TYPE A

VIRUS

**SINGER** **PVC755**

Fully simple dipped.

100% cotton interlock liner. Smooth finish. 58 cm.



4.1.2.1.X

A.K.L
TYPE B**SINGER** **PVC775**

Fully simple dipped.

100% cotton interlock liner. Smooth finish. 72 cm.



4.1.2.1.X

A.K.L.M.P.T
TYPE A

VIRUS

**SINGER** 


[AMBIDEXTROUS]
TCC507HB / TCC507FB

Polyester/cotton. 7 gauge. Knitted wrist.
Two sided blue PVC dots.



1.1.2.1.X



10x10



Men: TCC507HB
Women: TCC507FB


SINGER

TC507HB / TC507FB

Polyester/cotton. Elasticated wrist.
Blue PVC dots on palm. 7 gauge.



1.1.2.1.X



10x10



Men: TC507HB
Women: TC507FB


SINGER

[RECYCLED FIBERS]
TC207HB / TC207FB

Polyester/cotton. Knitted wrist. Navy blue colour.
Blue PVC dots on palm. 7 gauge.



1.1.2.1.X



10x10



Men: TC207HB
Women: TC207FB


Prosur

NYM1344BD

Stretch polyamide. Blue PVC dots on palm.
Elasticated wrist. 13 gauge.



2.1.4.1.X



10x10



8→10

**SINGER** **NYM13214**

Plaited: stretch polyamide outer, cotton inner.
Blue PVC dots on palm. Elasticated wrist. 13 gauge.



2.1.4.1.X



10x10



6→9

**SINGER** 

[**SPECIAL COLD**]

TBC

Acrylic. With interior warm terry lining. Elasticated wrist.
Blue PVC dots on palm. 13 gauge. Navy blue colour.
Rubber coating reinforcement between thumb and forefinger.



1.1.2.1.X



X.1.X



10x10



7→10

**SINGER** 

**THR713**

Synthetic fibers and elastane. Ambidextrous.
Elasticated wrist. 13 gauge. Navy blue colour.



0.1.2.1.X



10x10



One size only



SINGER 

**FROST**

Seamless knitted pattern. Elasticated knitted wrist. Without coating
(Ambidextrous). Bamboo fiber and elastane. Colour: blue.



30x10



One size only



SINGER 

NYM13440

Stretch polyamide. Ambidextrous. Elasticated wrist. 13 gauge.



1.1.4.2.X



SINGER



NYM13DME

Stretch polyamide. Same as NYM13440 but lighter weight. 13 gauge. Ambidextrous. Elasticated wrist. Colour: white.



0.1.4.1.X



SINGER



NY100

White polyamide with hemmed cuff. Fourchettes pattern. Colour: white.



SINGER





[**CUT
LEVEL F**]



PHS500

Seamless knitted pattern. Elasticated knitted wrist. Gauge 13. Liner made up of high density polyethylene fibers (HDPE) and stainless steel fibers. Nitrile foam coating on palm. Crotch reinforcement between thumb and forefinger.



4.X.4.3.F



10x10



8→11



SINGER



[CUT
LEVEL F]



PHS600

Seamless knitted pattern. Elasticated knitted wrist. Gauge 13. Liner made up of high density polyethylene fibers (HDPE) and stainless steel fibers. PU coating on palm. Crotch reinforcement between thumb and forefinger.



4.X.4.3.F



10x10



8→11



SINGER



[**MULTI-RISKS GLOVE,
MULTI-LAYER**]

[**CUT
LEVEL E**]

[**NITRILE
DOTS ON PALM.**]

NITCUT®

The outer layer of high density polyethylene (HDPE) provides excellent protection against mechanical risks.

The insertion of an intermediate layer in nitrile provides protection against certain chemicals. The inner layer of cotton, associated to the other layers, allows protection against contact heat. Finally, the palm of the glove is coated with nitrile dots for enhanced grip.



4.X.4.4.E



A.K.L
TYPE B



X.1.X.X.X.X



12x6



9→10



PHD10CU

Seamless knitted glove made of synthetic yarns; HDPE, elastane and organics fibers. "Fourchette" pattern. 10 Gauge. Elasticated wrist. Split leather patch on the palm and on the fingers.



4.X.4.4.D



X.2.X.X.X.X



5x10



9→10

**SINGER** **SNOWCUT®**

Cut level D. Double layer concept. Liner made of HDPE fibers (High Density Polyethylene). Internal layer made of 100% acrylic terry. 10 gauge. Elasticated wrist. Nitrile foam coating on palm. Open back.



4.X.4.2.D



X.1.X



5x10



8→11

**SINGER** **PHD400NIF**

Liner: high density polyethylene, seamless knitted. Gauge: 13. Lining: acrylic terry. Elastic wrist. Coating: Sanded nitril foam, coated on palm. Colour: black and grey.



4.X.4.2.D



X.2.X



10x5



8→11

**SINGER** **PHD434NIF**

Liner: high density polyethylene, seamless knitted. Gauge: 13. Lining: acrylic terry. Elastic wrist. Coating: Sanded nitril foam, ¾ coated. Colour: black and grey.



4.X.4.2.D



X.2.X



10x5



8→11

**SINGER** 

**PHD5RED**

Seamless machine knit glove, elasticated wrist.
 Liner made from HDPE (High Density Polyethylene fibers).
 Coating: nitrile foam on palm. Gauge: 13.
 Crotch reinforcement between thumb and forefinger.
 Dots on palm



4.X.4.3.D



10x10



8→11

**SINGERO** **PHD54RED**

Seamless machine knit glove, elasticated wrist.
 Liner made from HDPE (High Density Polyethylene fibers).
 Coating: nitrile foam on palm and back. Gauge: 13.
 Crotch reinforcement between thumb and forefinger.
 3/4 coated. Dots on palm.



4.X.4.3.D



10x10



8→11

**SINGERO**

[DOUBLE COATING]**PHD557**

Seamless knitted pattern.
Elasticated knitted wrist. Gauge: 13.
Liner made up of high density polyethylene fibers (HDPE).
Coating: Double nitrile coating (Fully coated).



4.X.4.3.D

10x10 6→11 **SINGER**

**[DOUBLE COATING]****PHD534**

Seamless knitted pattern.
Elasticated knitted wrist. Gauge: 13.
Liner made up of high density polyethylene fibers (HDPE).
Coating: Double nitrile coating on palm (3/4 coated).



4.X.4.3.D

10x10 6→11 **SINGER**


[INNOVATION DOUBLE LAYER GLOVE NITRILE]
[DOUBLE COATING FLAT NITRILE + NITRILE FOAM.]
GRIPCUT®

Liner made of HDPE fibers. (High density polyethylene HDPE). Unique nitrile on double coating palm.
1st layer in flat nitrile (knuckle coating). 2nd layer in nitrile foam, which offer excellent grip in wet and dry conditions.
¾ coating version. 10 gauge. Elasticated knitted wrist.



4.X.4.3.C



X.1.X.X.X.X

10x10 8→11 **SINGER**





LONG KNITTED WRIST. UNIQUE REINFORCED SEAM BETWEEN THE THUMB AND THE FOREFINGER.

PHD305PU

Liner made of HDPE fibers (High Density Polyethylene) and other fibers. Hard-wearing material reinforcement between thumb and forefinger. Polyurethane coated on palm. 13 gauge. Open back. Long knitted wrist.



4.X.4.3.D



10x10



8→11



SINGER



VERY SOFT AND COMFORTABLE

PHD135PU

HDPE fibers liner (High Density Polyethylene). 13 gauge. Knitted wrist. Polyurethane coated palm. Open back.



4.X.4.3.D



10x10



6→11



SINGER



PHD325PU

HDPE fibers liner (High Density Polyethylene). 13 gauge. Knitted wrist. Polyurethane coated palm.



4.X.4.3.D



10x10



6→11



Prosur

**PHD5PU**

HDPE fibers liner (High Density Polyethylene).
Polyurethane coated palm. 13 gauge. Elasticated wrist.
Grey colour.



4.X.4.2.C

**SINGER** **[LATEX COATED]****PHD5LAT**

HDPE fibers liner (High Density Polyethylene).
Crinkle latex coated palm. 13 gauge. Elasticated wrist. Open back.



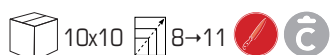
3.X.4.2.C

**SINGER** **[NITRILE COATED]****PHD5NIF**

HDPE fibers liner (High Density Polyethylene).
Nitrile foam coated palm. 13 gauge. Elasticated wrist. Open back.



4.X.4.2.C

**SINGER** 



[BI-POLYMER]

NFB10B

Glass fibers mixed with other synthetic fibers.
BI-POLYMER coated palm (PU/nitrile). Elasticated wrist.
(Provides unsurpassed softness and durability). 10 gauge.



4.X.3.1.B



10x10



6→11



SINGER



[BI-POLYMER]

NX410

Seamless knitted glove made of wrapped synthetic and glass fibers. 13 gauge.
High mechanical resistance. Bi-polymer knuckle coated: provides unsurpassed softness (PU), durability and resistance against oils (nitrile).
Silicone free and DMF free coating. Treated with Actifresh®



4.X.3.1.B



10x10



6→10



NINJA
X4



[BI-POLYMER]

NX430

Seamless knitted glove made of wrapped synthetic and glass fibers. 13 gauge.
High mechanical resistance. Bipolymer fully coated: provides unsurpassed softness (PU), durability and resistance against oils (nitrile).
Silicone free and DMF free coating. Treated with Actifresh®.



4.X.3.1.B



10x10



7→11



NINJA
X4

DYN133GPUG

HDPE fibers liner (High Density Polyethylene).
Polyurethane coating. 13 gauge. Elasticated wrist.
Grey colour.



4.3.4.3.B



10x10



6→11

**SINGER** **PHD133PU**

HDPE fibers liner (High Density Polyethylene).
Polyurethane coating. 13 gauge. Knitted wrist.
Grey colour.



4.X.4.2.B



10x10



6→11

**SINGER** **PHD3PU**

HDPE fibers liner (High Density Polyethylene).
Polyurethane coated palm. 13 gauge. Knitted wrist.
Grey colour.



4.X.4.2.B



10x10



7→11

**SINGER** 



Layer made of 100% cotton
to offer comfort and insulation

TKV7P

Cut level C. Contact heat level 3. 7 gauge. Knitted glove made of two layers. Outside layer made of 100% Kevlar®. Inside layer made of 100% cotton to assist in ventilation, comfort and insulation. Reversible. 34 cm length.



2.5.4.1.C



4.3.4.3.2.X



50x1



11

**SINGER** **TKV105^(*)**

Cut level E. 10 gauge.
Blended fibers: aramid, steel and other fibers.
Creped nitril coating on palm. Elasticated wrist.



4.X.4.3.E



X.2.X.X.X.X



10x10



8→11

**SINGER** **TKV345^(*)**

Cut level E. 10 gauge.
Blended fibers: aramid, steel and other fibers.
Creped nitril knuckle coated. Elasticated wrist.



4.X.4.3.E



X.2.X.X.X.X



10x10



8→10

**SINGER** 

Flexible and resistant, the Mechanics gloves are adapted for many activities: operating machines, handling objects, sports, leisure... Through the choice of quality materials and excellent workmanship, the mechanics gloves are particularly comfortable and adapt ideally to the contours of the hand. They guarantee excellent dexterity to the user. The various forms of reinforcement on the palm ensure a longer life and excellent protection.

**MC6021**

Palm: 65% polyamide, 35% polyurethane. Back: 97% polyester, 3% Spandex. Polyester self-grip adjustment at wrist.



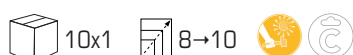
1.1.1.1.X

**SINGER** **MC6022**

Palm: 65% polyamide, 35% polyurethane. Back: 97% polyester, 3% Spandex. Polyester self-grip adjustment at wrist.



1.1.1.1.X

**SINGER**







**[HEAVY
FINISH]**

**JE300H
JE300F**

Natural interlock cotton. Two-piece reversible style. Knitted wrist.



30x10



Men (10): JE300H
Women (8): JE300F



SINGER



**[LIGHT
FINISH]**

**JE300HL
JE300FL**

Natural interlock cotton. Same as JE300H / JE300F but light version.



30x10



Men (10): JE300HL
Women (8): JE300FL



Prosur

**JB135**

Bleached cotton interlock. 35 cm length. Fourchettes pattern. Hemmed cuff.

**SINGER** **JB100**

Bleached cotton interlock. Fourchettes pattern. Hemmed cuff.

**SINGER** **JBP100SW**

Bleached cotton interlock. Fourchettes pattern. Hemmed cuff.

**Prosur** 



**400JE
400JEF**

Brushed cotton Jersey. Knitted wrist. Colour: natural.



Men (10): 400JE
Women (8): 400JEF



SINGER



**400JM
400JMF**

Brushed cotton Jersey. Knitted wrist. Colour: brown.



Men (10): 400JM
Women (8): 400JMF



SINGER

700BL15BL

Cotton terry. Terry, heavy weight. 15 cm terry cuff. Colour: natural.



1.1.3.1.X



X.1.X.X.X.X



10x10



10

**SINGER** **700BM**

Cotton terry. Terry, medium weight. Knitted wrist. Colour: natural.



1.1.3.X.X



X.1.X.X.X.X



10x10



10

**SINGER** **700BM15T**

Cotton terry. Terry, medium weight. 15 cm canvas cuff. Colour: natural.



1.1.3.X.X



X.1.X.X.X.X



10x10



10

**SINGER** 



**[PAINT AND
ANTI-STAINING]**

**P754H
P754F**

Cotton canvas. Single layer. Nap-in. Knitted wrist. Colour: natural.



30x10



Men (10): P754H
Women (8): P754F



SINGER



PRP754/08

Hot-mill double layer canvas. Nap-in, nap-out. 8 cm gauntlet. Colour: natural.



1.1.1.2.X



X.1.X.X.X.X



10x10



10



SINGER



PRP754/15

Hot-mill double layer canvas. Nap-in, nap-out. 15 cm gauntlet. Colour: natural.



1.1.1.2.X



X.1.X.X.X.X



10x10



10



SINGER

**T301H
T301F**

Seamless knitted polyester/cotton glove. Reversible. Elasticated wrist. Coloured overcast. 7 gauge. Colour: natural.



Men: T301H
Women: T301F

**T301HL
T301FL**

Seamless knitted polyester/cotton glove. Reversible. Elasticated wrist. Coloured overcast. 10 gauge. Colour: natural.



Men: T301HL
Women: T301FL

**[RECYCLED
FIBERS]****T207H
T207F**

Polyester/cotton seamless. Knitted wrist. Grey colour. 7 gauge.



Men: T207H
Women: T207F







Leather
gloves



**[WATER-
REPELLENT.]**

50GHB

Cow grain leather palm. Water-repellent.
All grain leather. Shirred elastic back.



2.1.2.1.X



10x10



8→11



SINGER



**[WATER-
REPELLENT.]**

50GHBBC

Cow grain leather palm. Water-repellent. All grain leather. Elastic knitted wrist. Leather vein patch protection with buttonhole.



2.1.2.1.X



10x10



8→11



SINGER



**[SHIP SKIN LEATHER: FIRST-RATE
COMBINATION OF SOFTNESS
AND RESISTANCE.]**

CHV114HB

Full grain goat skin. Water-repellent. Elastic knitted wrist.
Leather vein patch protection with buttonhole.



2.0.2.1.X



10x10



8→11



SINGER

50GB

Beige cow grain leather. All grain. Very soft.
Shirred elastick back.



2.1.1.1.X



10x10



8→11

**SINGER** **50GBBC**

Beige cow grain leather. All grain. Very soft. Elastic knitted wrist.
Leather vein patch protection with buttonhole.



2.1.1.1.X



10x10



8→11

**SINGER** **50EFBBC**

Beige cow grain leather. All grain. Very soft. Elastic knitted wrist.
Leather vein patch protection with buttonhole.



2.1.1.1.X



10x10



8→11

**Prosur** 

**56GY**

Yellow cow grain leather. All grain leather. One piece forefinger. Shirred elastic back. Red hem at wrist.



2.1.1.1.X



10x10



8→11

**SINGER** **50EFJ**

Yellow cow grain leather. All grain. Shirred elastic back.



2.1.1.1.X



10x10



8→11

**Prosur** **56GN**

Natural cow grain leather. All grain leather. One piece forefinger. Shirred elastic back.



2.1.2.1.X



10x10



8→11

**SINGER** 

**[AVAILABLE IN
VERY LARGE SIZES]**

50F

Natural cow grain leather. All grain. Shirred elastic back.



2.1.2.1.X



10x10



8→14

**Prosur**

56GSN

Natural cow grain leather palm. Split leather back. One piece forefinger. Shirred elastic back. Red hem at wrist.



2.1.2.1.X



10x10



8→11

**SINGER** **50FC**

Natural cow grain leather palm. Split leather back. Shirred elastic back. Red hem at wrist.



2.1.2.1.X



10x10



8→11

**PROSUP** **56S**

Split cow leather. All split. One piece forefinger. Shirred elastic back. Red hem at wrist.



2.1.2.2.X



10x10

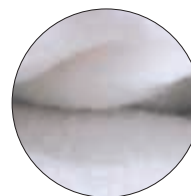


9→10

**SINGER** 



**[WATER-REPELLENT.
THINSULATE LINED®]**



Lining

50GHNTH

Full cow grain leather. Fully Thinsulate® lined. Water-repellent. Shirred elastic back. (Thinsulate® is a trademark of 3M).



2.1.2.1.X



X.2.0



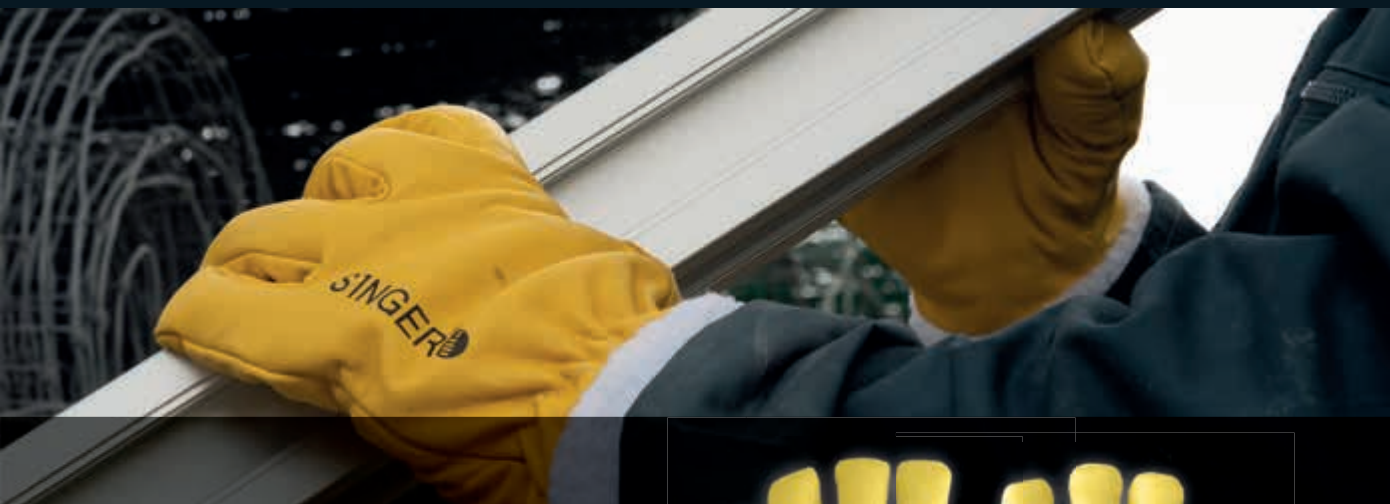
10x10



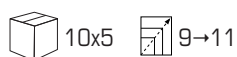
8→11



SINGER

**FJORD**

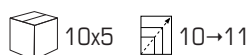
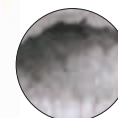
Driver style. Gunn cut. Wing thumb.
Binding reinforcement middle and ring fingers seams.
All cow grain leather. Acrylic fur.

**SINGER** 

Lining

56GYPA

Full cow grain leather. Fully fur acrylic boa lined. Shirred elastic back.
One piece leather forefinger. Red hem at wrist.

**SINGER** 

Lining

56GYP

Full cow grain leather. Fully cotton fleece lined. Shirred elastic back.
One piece leather forefinger. Red hem at wrist.

**SINGER** 

Lining



[FINENESS AND ERGONOMICS]

AGN102

Sheep skin leather.
All sheep leather. Shirred elastic back.



10x10



7→10


SINGER


AGN105

Sheep skin leather. Sheep leather palm.
Cotton interlock back. Shirred elastic back.



10x10



6→10


SINGER

SOFTNESS AND RESISTANCE

CHV114

Goatskin leather. Full grain goatskin leather. Elastic knitted wrist. Leather vein patch protection with buttonhole. Gunn cut.



2.0.2.1.X



10x10



7→11



SINGER



CHV561R

Goatskin leather. Grain goatskin leather palm. One piece leather forefinger. Red cotton interlock back with leather fingertips. Shirred elastic back. Gunn cut.



1.0.1.1.X



10x10



6→11



SINGER



CHV561B

Goatskin leather. Grain goatskin leather palm. One piece forefinger. Blue interlock back with leather fingertips. Elasticated back. Gunn cut.



1.0.1.1.X



10x10



7→10



Prosur





**[SOFT GRAIN LEATHER,
LEATHER VEIN
PATCH PROTECTION.]**

501N

Cow grain. Cotton lined palm. Leather fingertips. Cotton fabric back with leather knuckle patch reinforcement. Safety rubberized cuff.



2.1.2.1.X



5x10



10



SINGER



501S

Cow split. Cotton lined palm. Leather fingertips. Cotton fabric back with leather knuckle patch reinforcement. Safety rubberized cuff.



3.1.2.2.X



5x10



10



SINGER



5010RD

Cow split. Cotton lined palm. Leather fingertips. Striped cotton fabric back with leather knuckle patch reinforcement. Safety cuff.



2.1.1.1.X



10x10



10



Prosur

[WITH REINFORCEMENT AND VEIN PATCH PROTECTION.]

501SGRSVJ

Cow split. With green split reinforcement on palm, thumb and forefinger. Cotton lined palm. Leather fingertips. Cotton fabric back with leather knuckle patch reinforcement. Safety rubberized cuff.



3.1.2.2.X



SINGER



501SRS

Cow split. With split reinforcement on palm. Cotton lined palm. Leather fingertips. Cotton fabric back with leather knuckle patch reinforcement. Safety rubberized cuff.



3.1.2.2.X



SINGER



501SYRGY

Cow split. Yellow colour leather. With grain reinforcement on palm. Cotton lined palm. Leather fingertips. Cotton fabric back with leather knuckle patch reinforcement. Safety rubberized cuff.



3.1.2.2.X



SINGER



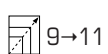


50ELEC

All grain leather glove, beige colour. Split leather back, grey colour, 10 cm. Adjustment with hook-and-loops-flap on the back. Thanks to its conception, this glove can be used as an electrical over-glove to assure a better protection and a longer longevity. Can't be used alone against electrical risk.



2.1.2.1.X



51GS10

Cow grain leather palm. Split leather back and cuff. 10 cm cuff.



2.1.2.1.X



4.1.3.X.4.X



5x10



10

**SINGER** **51GS15**

Cow grain leather palm. Split leather back and cuff. 15 cm cuff.



2.1.2.1.X



4.1.3.X.4.X

EN 12477 TYPE A



5x10



10

**SINGER** **51GS20**

Cow grain leather palm. Split leather back and cuff. 20 cm cuff.



2.1.2.1.X



4.1.3.X.4.X

EN 12477 TYPE A



5x10



10

**SINGER** 

**51G15**

Full cow grain leather. Split leather cuff. 15 cm cuff.



2.1.2.1.X



4.1.3.X.4.X

EN 12477 TYPE A



5x10



10

**SINGER** **51EFC15**

Natural cow grain leather palm. Split leather back. 15 cm split leather cuff.



2.1.2.1.X



4.1.3.X.4.X

EN 12477 TYPE A



5x10



10

**Prosur** **51S15**

Cow split. 15 cm cuff.



3.1.2.2.X



4.1.3.X.4.X

EN 12477 TYPE A



5x10



10

**SINGER** **51EC15**

All cow split. 15 cm leather cuff.



2.1.2.1.X



4.1.3.X.4.X

EN 12477 TYPE A



5x10



10

**Prosur**


**[SOFTNESS AND
ERGONOMICS]**
AGN106

Full sheep skin leather. Fourchettes pattern. Split leather cuff of 14 cm.



2.0.1.1.X



10x10



9→10



SINGER


**[SOFTNESS AND
ERGONOMICS]**
CHV106

Full goat skin leather. Fourchettes pattern. Split leather cuff of 14 cm.



2.0.2.1.X



10x10



9→10



SINGER





["FOURCHETTES"
PATTERN]



51WELD

All cow split leather glove. Brown colour. Ergonomic "Fourchettes" pattern. Leather patch reinforcement on palm and forefinger. Elasticated wrist. Sewn with aramid yarn. The glove is fully lined with a cotton fabric for a good insulation against heat. Cuff area is lined with a cotton woven fabric.



4.2.3.4.X



4.1.3.X.4.X

EN 12477 TYPE A



5x10



9→10


SINGER

50SIVAP15

Glove with an orange safety cuff split leather on palm and front cuff with fire-retardant treatment. Back and fingers on natural split leather (not treated) covered with an aluminized fabric. Sewn with aramid yarn. The glove is fully lined with a cotton fabric for a good insulation against heat. Cuff is lined with a cotton woven fabric.



4.1.3.3.X



4.1.2.2.4.X

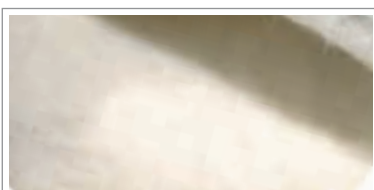
EN 12477 TYPE A



5x10



9→10

**SINGER** **[FIRE RESISTANT GLOVES]**

Fully lined for a better heat insulation.

51SIP15

All cow split leather. Fire-resistant treatment. 15 cm natural split leather cuff (not treated). Sewn with aramid yarn. Fully lined. 35 cm length.



3.1.2.2.X



4.1.3.X.4.X

EN 12477 TYPE A



5x10



10

**SINGER** 

**51S0UD**

All cow split leather. Reinforced with a second layer of leather on palm, thumb and forefinger. Sewn with aramid yarn. Full cotton lined. 35 cm length.



4.1.1.2.X



3.1.3.X.4.X

EN 12477 TYPE A



5x10



10

**SINGER**

51SIREP15KV

All cow split leather. Aramid yarn. Fully cotton lined. 35 cm length.



3.1.3.3.X



4.1.3.X.4.X

EN 12477 TYPE A



5x10



10

**SINGER** **51SIREP15**

All cow split leather. Polyester yarn. Fully cotton lined. 35 cm length.



3.1.3.3.X



4.1.3.X.4.X

EN 12477 TYPE A



5x10



10

**SINGER** **51SIVP15**

All cow split leather. Polyester yarn. Fully cotton lined. 35 cm length.



3.1.3.3.X



4.1.3.X.4.X

EN 12477 TYPE A



5x10



10

**SINGER** 

**PYROMTE**

Fire retardant protective sleeves.

Outside material: 98% cotton and 2% carbon, 350 gsm.

Length: 40 cm. Elastic under hem at wrist.

Adjustment at elbow with hook-and-loops flap. Colour: blue.



EN ISO 11611
(Class 1 A1+A2)



EN ISO 11612
(Class A1+A2, B1 C1 E1)



EN ISO 1149-5



10x1

SINGER

**PHDMTE45**

Seamless machine knitted from high density polyethylene yarn (HDPE) blended with polyamide, yarn fibreglass and elastane.

Elastic at elbow and cuff. Thumb opening. Ambidextrous style.

Length: 45 cm. Sold by piece.



3.X.4.X.C



10x10

SINGER

**SOUDAM**

Welding sleeves. Length: 40 cm (± 2 cm). Sold by pair.

Cow split leather, aramid yarn. Thickness: 1,4 mm ($\pm 0,1$).

Elasticated on both sides.



EN ISO 11611
(Class 1/2 A1)



4x5

Prosur

**TKVMTE46**

Kevlar® (*) knitted protective sleeve, double layer.

Protection of the forearm and palm of the hand. Ambidextrous.

Thumb opening. Length: 46 cm. Sold by piece.



1.3.4.3.C



X.1.X.X.X.X



40x5

SINGER

**COTMTE40**

Cotton fabric sleeve.

Length 40 cm. Elastic band at wrist.

Elastic under hem at elbow. Natural colour. Sold by pair.



10x10

SINGER

**BCLMTE35**

Cotton terry cloth sleeve.

Length 35 cm (40 cm with the wrist)

Elastic band at wrist. Elastic under hem at elbow. Sold by pair.



5x10

SINGER

**MANBLEU**

Cotton fabric sleeve. Length 40 cm.
Elastic band under hem at wrist. Elbow adjustment with hook-and-loop straps. Colour: blue. Sold by pair.



10x10

SINGER **MTEPUV**

Polyurethane/PVC sleeves. Length: 53 cm.
Self grip fastening at elbow.
Elasticated wrist. Welded seams. Sold by pair.



20x1

SINGER **PVCMTEVER**

PVC sleeve with polyester liner. Length 40 cm.
Elastic band at wrist, elastic under hem at elbow.
Colour: green. Sold by pair.



5x10

Prosur**MTEPUB**

Polyurethane/PVC sleeves. Length: 53 cm.
Self grip fastening at elbow.
Elasticated wrist. Welded seams. Sold by pair.



20x1

SINGER **PINCEGANTS**

Gloves fastener.
This small clip is attached on the loop of the pants or the jacket, the big clip catches the gloves.

10x40

SINGER 







OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100 

PALMA

Parka. Outside material: 100% polyester (Oxford) coated with PU. Lining: taffeta polyester. Padding: polyester, 160 gsm. Taped seams. Removable hood by press-studs with drawcords. 8 outer pockets and 1 inner pocket. Zip fastening under self-grip flap with press-studs. Waist with drawcords and stoppers. Knitted wrists. Reflective piping. Zip access for printing. Colour: black and navy blue.



 10x1  S → 3XL

SINGER 



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



PALAWA Colour: black and charcoal grey. **PALAMA** Colour: black and navy blue.

Parka. Outside material: 100% ripstop polyester coated with PVC. Lining: taffeta polyester (sleeves) and polar fleece polyester (body), 230 gsm. Padding: polyester (sleeves), 120 gsm. Taped seams. Removable hood by press-studs with drawcords. 6 outer pockets and 2 inner pockets. Zip fastening under self-grip flap with press-studs. Wrists with self-grip tapes. Reflective piping. Zip access for printing.



10x1 S → 3XL

SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

PARKANO

Parka. Outside material: 100% polyester (Oxford) coated with PU. Lining: taffeta polyester. Padding: polyester, 160 gsm. Taped seams. Attached hood rolled into collar with drawcords. 4 outer pockets and 1 inner pocket. Zip fastening under self-grip flap. Zip access for printing. Colour: black.

Removable inner jacket. Outside material: 100% polar fleece polyester, 280 gsm. 2 outer pockets. Elasticated wrists. Zip fastening. Colour: black



10x1 S → 3XL

Prosup



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

PARPAL

Parka. Outside material: 100% polyester (Oxford) coated with PU. Lining: taffeta polyester. Padding: polyester, 160 gsm. Taped seams. Attached hood rolled into collar with drawcords. 4 outer pockets and 1 inner pocket. Zip fastening under self-grip flap. Zip access for printing. Colour: black.



10x1 S → 3XL

Prosup



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



BOSTON

Bomber jackets. Outside material: 100% ripstop polyester coated with PVC. Lining: taffeta polyester (sleeves and hood) and polar fleece polyester; 260 gsm (body and collar). Padding: polyester; 140 gsm (sleeves and hood). Taped seams. Removable hood by zipper with drawcords. Removable sleeves. 7 outer pockets and 2 inner pockets. Zip fastening under self-grip flap with press-studs. Wrists with self-grip tapes. Badge holder. Reflective piping. Zip access for printing. Colour: black, grey and red.



10x1 S → 3XL

SINGER



**[RIPSTOP & SOFTSHELL
BODYWARMERS]**

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100 

GALWAY

Bodywarmer: Outside material: 100 % ripstop polyamide (grey part) / 96% polyester and 4% elastane (black part).
Lining: taffeta polyester (grey part) and polar fleece polyester (black part). Padding: polyester (grey part), 220 gsm.
3 outer pockets and 1 inner pocket. Zip fastening. Waist with drawcords and stoppers. Colour: black, grey and orange.



 10x1  S → 3XL

SINGER 



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100 

GASPAR Colour: black and charcoal grey. **GASMA** Colour: black and navy blue.

Bodywarmer: Outside material: 100% ripstop polyester coated with PVC. Lining: polar fleece polyester. Padding: polyester. 6 outer pockets and 2 inner pockets. Zip fastening. Reflective piping. Zip access for printing. Loins protection.



 10x1  S → 3XL

SINGER 

**GILSPORTN**

Bodywarmer:

Outside material: 65% polyester and 35% cotton.

Lining: taffeta polyester. Padding: polyester, 260 gsm.

7 outer pockets and 1 inner pocket.

Zip fastening under flap with press-studs.

Loins protection. Colour: black.



10x1



M → 3XL

**GILSPORTM**

Bodywarmer:

Outside material: 65% polyester and 35% cotton.

Lining: taffeta polyester. Padding: polyester, 260 gsm.

7 outer pockets and 1 inner pocket.

Zip fastening under flap with press-studs.

Loins protection. Colour: navy blue.



10x1



M → 3XL



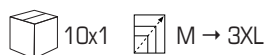
GIL700B

Bodywarmer: Outside material: 65% polyester and 35% cotton.

Lining: taffeta polyester. Padding: polyester, 200 gsm.

3 outer pockets and 1 inner pocket. Zip fastening.

Loins protection. Colour: navy blue.

**GILALPA**

Bodywarmer: Outside material: 65% polyester and 35% cotton.

Lining: taffeta polyester. Padding: polyester, 200 gsm.

3 outer pockets and 1 inner pocket. Zip fastening.

Elasticated waist. Colour: navy blue.

**GILBLANC**

Bodywarmer: Outside material: 65% polyester and 35% cotton.

Lining: taffeta polyester. Padding: polyester, 200 gsm.

4 inner pockets. Zip fastening.

Elasticated waist. Colour: white.





OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

SAMY

Sweat-shirt. Outside material: 100% polyester, 350 gsm.
Lining: polar fleece polyester. Attached hood with drawcords.
2 outer pockets. Elasticated waist. Knitted wrists.
Colour: black and orange.



10x1 S → 3XL

SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

POLAND

Sweater. Outside material: 100% polar fleece polyester, 330 gsm.
2 outer pocket. Waist with drawcords and stoppers.
Knitted wrists. Colour: grey and black.



10x1 S → 3XL

SINGER



SURAM Colour: navy blue and red.

SURO Colour: grey and orange.

T-shirt.

Outside material: 100% Cooldry® polyester, 150 gsm.

Bird eyes fabric.



25x1 S → 2XL

SINGER



PRATA

Polo with short sleeves.

Outside material: 100% Cooldry® polyester, 150 gsm.

Bird eyes fabric. Colour: grey and red.



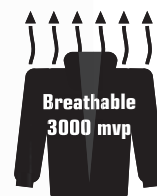
10x1 S → 3XL

SINGER





**[TRIPLE LAYER
WITH TPU MEMBRANE]**



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

VOLGA

Softshell jacket. Outside material: 96% polyester and 4% elastane. Lining: polar fleece polyester. Removable hood by zipper with drawcords. 3 outer pockets. Zip fastening. Elasticated waist. Knitted wrists. Colour: black, grey and orange.



10x1 S → 3XL

SINGER



**[OUTSIDE MATERIAL
REPELLENCY]**

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100 

VERNAM Colour: blue and orange. **VERNON** Colour: black and red.

Softshell jacket. Outside material: 96% polyester and 4% elastane. Lining: polar fleece polyester. 3 outer pockets. Zip fastening. Wrists with self-grip tapes. Waist with drawcords and stoppers.



 10x1  S → 3XL (VERNAM: XXS → 3XL)

SINGER 



**[TRIPLE LAYER
WITH TPU MEMBRANE]**

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100 

VANGOG

Softshell jacket. Outside material: 94% polyester and 6% elastane. Lining: polar fleece polyester. Removable sleeves. 4 outer pockets and 3 inner pockets. Zip fastening. Waist with drawcords and stoppers. Wrists with self-grip tapes. Reflective piping. Colour: black and white.



 10x1  S → 3XL

SINGER 



**TRIPLE LAYER
WITH TPU MEMBRANE**

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



VANCOUVE

Softshell jacket. Outside material: 94% polyester and 6% elastane. Lining: polar fleece polyester. Removable sleeves. 4 outer pockets and 3 inner pockets. Zip fastening. Waist with drawcords and stoppers. Wrists with self-grip tapes. Reflective piping. Colour: black, grey and red.



10x1 S → 3XL

SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100 

POLNOR Colour: grey. **POLBLE** Colour: blue. **POLNOIR** Colour: black.

Jacket. Outside material: 100% polar fleece polyester, 350 gsm. Lining: taffeta polyester. 2 outer pockets and 1 inner pocket. Zip fastening. Knitted wrists.



 10x1  S → 3XL (POLNOIR: XXS → 3XL)

SINGER 



[520 GSM]

POLAINE

Jacket. Outside material: 100% polar fleece polyester; 520 gsm.
3 outer pockets and 2 inner pockets.
Zip fastening. Colour: black.



10x1 S → 3XL

SINGER 
OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100
POLKA Colour: blue.**POLKANO** Colour: black.

Jacket. Outside material: 100% polar fleece polyester; 280 gsm.
2 outer pockets. Zip fastening.
Knitted wrists. Waist with drawcords and stoppers.



10x1 S → 3XL

Prosur 
OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

VEGAS

Work jacket.
Outside material: 60% cotton and 40% polyester; 300 gsm.
6 outer pockets and 2 inner pockets.
Zip fastening under self-grip flap with press-studs.
Wrists with press-studs. Badge holder.
Reflective piping. Colour: grey and black.



10x1 S → 3XL

SINGER

PORTAC

Work trousers.
Outside material: 60% cotton and 40% polyester; 300 gsm.
11 outer pockets and 2 removable tooling pockets.
Fly with zipper and button. Loops for belt.
Reinforced knee pad pockets. Loins protection. Elasticated waist.
Badge holder. Reflective piping. Colour: black.



10x1 S → 3XL

SINGER

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

PARTO

Work trousers.

Outside material: 97% cotton and 3% elastane, 300 gsm.

8 outer pockets and 2 removable tooling pockets.

Fly with zipper and button. Loops for belt. Self-grip belt.

Reinforced knee pad pockets. Elasticated waist. Badge holder.

Possibility to increase the length of the leg of 5 cm.

Reflective piping. Colour: black and grey.



10x1 S → 3XL

SINGER

ACCBADGE

Self-adhesive transparent
badge holder 3M™ 105x70mm.

50x10



BELT

Adjustable and robust belt.
Length 140 cm. Width: 4 cm.
100% polyester.
Brushed steel buckle.

40x1



GENPRO

PVC anti-slip knee pad.
EVA Foam interior
and injected gel.

TYPE 1
LEVEL 1

4x12



KP2C240

Foam flexible knee pad.
Fasten with strap and buckle.
Height: 240 mm.
Width: 147 mm.

TYPE 2
LEVEL 1

200x1





OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

PLATRO

Work trousers.

Outside material: 97% cotton and 3% elastane, 280 gsm.

8 outer pockets and 1 removable tooling pocket.

Fly with zipper and button. Loops for belt. Self-grip belt.

Reinforced knee pad pockets. Elasticated waist.

Possibility to increase the length of the leg of 5 cm.

Reflective piping. Colour: black and white.



10x1 S → 3XL

SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

PETRO

Ripstop work trousers.

Outside material: 58% cotton, 39% polyester and 3% elastane, 280 gsm. 8 outer pockets.

Fly with zipper and button. Loops for belt. Self-grip belt.

Reinforced knee pad pockets. Elasticated waist.

Possibility to increase the length of the leg of 5 cm.

Reflective piping. Colour: black and grey.



10x1 S → 3XL

SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

[**SHOULDER PAD
POCKETS**]

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

VENTOU

Work jacket.

Outside material: 65% polyester and 35% cotton, 280 gsm.

4 outer pockets and 1 inner pocket. Shoulder pad pockets.

Zip fastening under self-grip flap.

Wrists with self-grip tapes. Badge holder.

Reflective piping. Colour: grey and black.



PITON

Work trousers.

Outside material: 65% polyester and 35% cotton, 280 gsm.

10 outer pockets. Fly with zipper and button.

Loops for belt. Reinforced knee pad pockets.

Loins protection. Badge holder. Colour: black.



10x1 S → 3XL

SINGER

10x1 S → 3XL

SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

VILNIUS

Work jacket.

Outside material: 65% polyester and 35% cotton, 245 gsm.

Various outer pockets. Zip fastening under self-grip flap.

Wrists with self-grip tapes.

Reflective piping. Colour: grey, black and orange.



SINGER

PRAGUE

Work trousers.

Outside material: 65% polyester and 35% cotton, 245 gsm.

Various outer pockets. Fly with zipper and button. Loops for belt.

Knee pad pockets. Elasticated waist.

Reflective piping. Colour: grey, black and orange.



SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

GOIAS

Work bodywarmer.

Outside material: 65% polyester and 35% cotton, 245 gsm.

12 outer pockets. Zip fastening. Loins protection.

Reflective piping. Colour: grey, black and orange.



10x1 S → 3XL

SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

BORA

Work short.

Outside material: 65% polyester and 35% cotton, 245 gsm.

7 outer pockets. Fly with zipper and button.

Loops for belt. Elasticated waist.

Reflective piping. Colour: grey, black and orange.



10x1 S → 3XL

SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

VILNAM

Work jacket.

Outside material: 65% polyester and 35% cotton, 245 gsm.

Various outer pockets. Zip fastening under self-grip flap.

Wrists with self-grip tapes.

Reflective piping. Colour: marine blue and black.



SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

PRAGMA

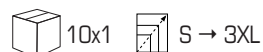
Work trousers.

Outside material: 65% polyester and 35% cotton, 245 gsm.

Various outer pockets. Fly with zipper and button. Loops for belt.

Knee pad pockets. Elasticated waist.

Reflective piping. Colour: navy blue and black.



SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

VAISON

Work jacket.

Outside material: 65% polyester and 35% cotton, 245 gsm.

5 outer pockets. Zip fastening under self-grip flap.

Wrists with self-grip tapes.

Reflective piping. Colour: grey, black and red.



10x1 S → 3XL

SINGER

PRADON

Work trousers.

Outside material: 65% polyester and 35% cotton, 245 gsm.

4 outer pockets. Fly with zipper and button. Loops for belt.

Knee pad pockets. Elasticated waist.

Colour: black, grey and red.



10x1 S → 3XL

SINGER

**VARY**

Work jacket. Outside material: 100% cotton, 300 gsm.
6 outer pockets and 2 inner pockets.
Zip fastening with button under flap. Wrists with button.
Colour: black and grey.



10x1  S → 3XL

SINGER 

PARY

Work trousers. Outside material: 100% cotton, 300 gsm.
6 outer pockets. Fly with zipper and button.
Loops for belt. Colour: black and grey.



10x1  S → 3XL

SINGER 

**VAR**

Work jacket. Outside material: 100% cotton, 300 gsm.
6 outer pockets and 2 inner pockets.
Zip fastening with button under flap. Wrists with button.
Colour: black and ink blue.



10x1 S → 3XL

SINGER

PAU

Work trousers. Outside material: 100% cotton, 300 gsm.
6 outer pockets. Fly with zipper and button.
Loops for belt. Colour: black and ink blue.



10x1 S → 3XL

SINGER

**JEANS**

Jeans, "Straight" cut.

Outside material: 100% cotton denim (13 oz), 420 gsm.

5 outer pockets including 1 ticket pocket.

Fly with zipper and button. Loops for belt. Colour: blue.



10x1



34 → 54

SINGER **JADAN**

Jeans, "Stretch" cut.

Outside material: 98% cotton and 2% elastane, 385 gsm.

5 outer pockets including 1 ticket pocket.

Fly with zipper and button. Loops for belt. Colour: black.



10x1



38 → 54

SINGER

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

**SPLIT**

Work bib pant.

Outside material: 65% polyester and 35% cotton, 245 gsm.

Various outer pockets. Fly with zipper and button.

Knee pad pockets. Elasticated waist.

Reflective piping. Colour: grey, black and orange.



LEVEL 1

10x1 S → 3XL

SINGER

**SARY**

Work bib pant.

Outside material: 100% cotton, 300 gsm. 5 outer pockets.

Fly with zipper. Waist with button. Colour: black and grey.



10x1 S → 3XL

SINGER

**CAEN**

Work coverall.

Outside material: 100% cotton, 300 gsm.

6 outer pockets. Zip fastening (Two ways) under self-grip flap.

Elasticated waist. Colour: black and ink blue.



SINGER

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

**CORDOUE**

Work coverall.

Outside material: 65% polyester and 35% cotton, 245 gsm.

Various outer pockets. Zip fastening (Two ways) under self-grip

flap. Knee pad pockets. Elasticated waist. Wrists with self-grip

tapes. Reflective piping. Colour: grey, black and orange.



SINGER

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



CAIRO

Work coverall.

Outside material: 65% polyester and 35% cotton, 245 gsm.

Various outer pockets. Double zip fastening.

Elasticated waist. Wrists with self-grip tapes.

Reflective piping. Colour: grey, black and orange.



10x1 S → 3XL

SINGER



COMBIAGRI

Work coverall.

Outside material: 65% polyester and 35% cotton, 245 gsm.

7 outer pockets. Double zip fastening.

Elasticated waist. Colour: green.



10x1 S → 3XL

Prosur





OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

VADONG

Jacket. Multirisks. Fire retardant.

Outside material: 99% cotton and 1% carbon, 350 gsm.

4 outer pockets. Zip fastening under self-grip flap.

Wrists with self-grip tapes. Colour: grey and orange.



EN 13034
Type PB IG1



IEC 61482-2
APC 1



EN ISO 11611
(Class 1 A1+A2)



EN ISO 1149-5



EN ISO 11612
(Class A1+A2, B1 C1 E3 F1)

10x1 S → 3XL

SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

PADONG

Trousers. Multirisks. Fire retardant.

Outside material: 99% cotton and 1% carbon, 350 gsm.

4 outer pockets. Fly with zipper and button. Loops for belt.

Elasticated waist. Colour: grey and orange.



EN 13034
Type PB IG1



IEC 61482-2
APC 1



EN ISO 11611
(Class 1 A1+A2)



EN ISO 1149-5



EN ISO 11612
(Class A1+A2, B1 C1 E3 F1)

10x1 S → 3XL

SINGER

**COSTA**

Fire retardant protective coverall.

Outside material: 98% cotton and 2% carbon, 350 gsm.

5 outer pockets. Zip fastening (Two ways) under self-grip flap.

Elasticated waist. Wrists with self-grip tapes. Colour: blue.



EN ISO 11611
(Class 1 A1+A2)



EN ISO 11612
(Class A1+ A2, B1 C1 E1)



EN ISO 1149-5



10x1



S → 3XL

SINGER

**PYROCAG**

Fire retardant protective hood.

Outside material: 98% cotton and 2% carbon, 350 gsm.

Adjustement with hook-and-loop flap. Original system of hook-and-loops straps on top of the hood. Colour: blue.



10x1

SINGER **VALPA**

Fire retardant protective jacket.

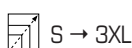
Outside material: 98% cotton and 2% carbon, 350 gsm.

4 outer pockets. Zip fastening under self-grip flap.

Wrists with self-grip tapes. Colour: blue.



10x1



S → 3XL

SINGER **PYROMTE**

Fire retardant protective sleeves.

Outside material: 98% cotton and 2% carbon, 350 gsm.

Length: 40 cm. Elastic under hem at wrist.

Adjustement at elbow with hook-and-loops flap. Colour: blue.



10x1

SINGER **PISA**

Fire retardant protective trousers.

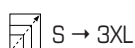
Outside material: 98% cotton and 2% carbon, 350 gsm.

4 outer pockets. Fly with zipper and button. Loops for belt.

Elasticated waist. Colour: blue.

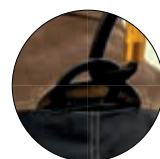


10x1



S → 3XL

SINGER



**OPENING FOR
DORSAL FALL ARREST
CONNECTION**

VEPSOUD

Welding jacket. Back in fire retardant fabric. Cow split leather; aramid yarn. Thickness: 1,4 mm ($\pm 0,1$).
Fastening with snaps under leather flap. 1 inner pocket.



5x1



S - L - 2XL

**PANTASOUD**

Welding bib pant.

Cow split leather, aramid yarn. Thickness: 1,4 mm ($\pm 0,1$).

1 outer pocket. Adjustable braces. Loops for belt.

Self grip fastening on each side at waist (Bottom of the leg).



EN ISO 11611
(Class 2 A1+A2)



EN ISO 11612
(Class A1+ A2, B2 C1 D1 E1 F2)



5x1



S - L - 2XL

SINGER

**TABSOU9070**

Welding apron. 90 x 70 cm.

Cow split leather, aramid yarn. Thickness: 1,4 mm ($\pm 0,1$).

With bib. With leather strap and adjustable buckle.



EN ISO 11611
(Class 2 A1+A2)



EN ISO 11612
(Class A1+ A2, B2 C1 D1 E1 F2)



5x4

SINGER

**GUETSOU**

Welding leggings. Height: 22 cm. Sold by pair.

Cow split leather, aramid yarn. Thickness: 1,4 mm ($\pm 0,1$).

Self-winding fastening.



EN ISO 11611
(Class 2 A1+A2)



EN ISO 11612
(Class A1+ A2, B2 C1 D1 E1 F2)



5x4

SINGER



SOUDAV All split **SOUDAVEP** Back in fire retardant fabric.

Welding jacket.

Cow split leather; aramid yarn. Thickness: 1,4 mm ($\pm 0,1$).

Fastening with snaps under leather flap.

SOUDAV: 
EN ISO 11611
(Class 1 A1)

SOUDAVEP: 
EN ISO 11611
(Class 1 A1)



5x1



M → XL



SOUDAC

Welding hood.

Cow split leather; aramid yarn. Thickness: 1,4 mm ($\pm 0,1$).

Front opening with 3 press studs under leather flap.


EN ISO 11611
(Class 1/2 A1)



4x5



SOUDAT9070

Welding apron. 90 x 70 cm.

Cow split leather; aramid yarn. Thickness: 1,4 mm ($\pm 0,1$).

With bib. With leather strap and adjustable buckle.


EN ISO 11611
(Class 1 A1)



4x5



**SOUDAM**

Welding sleeves. Length: 40 cm (± 2 cm). Sold by pair.
Cow split leather; aramid yarn. Thickness: 1,4 mm ($\pm 0,1$).
Elasticated on both sides.



EN ISO 11611
(Class 1/2 A1)



4x5

**SOUDAP**

Welding bib pant.
Cow split leather; aramid yarn. Thickness: 1,4 mm ($\pm 0,1$).
1 outer pocket. Adjustable leather.
Self grip fastening on each side at waist.



EN ISO 11611
(Class 1/2 A1)



5x1



M → L

**SOUDAB** - Bolero.

Welding bolero.
Cow split leather; aramid yarn. Thickness: 1,4 mm ($\pm 0,1$).
Fastening with press-studs under flap.
Adjustable on the bolero apron with press studs.

SOUDAT6060 - Bolero apron.

Welding apron. 60 x 60 cm.
Cow split leather; aramid yarn. Thickness: 1,4 mm ($\pm 0,1$).
Fastening with straps and buckle.
Adjustable on the bolero with press studs.



EN ISO 11611
(Class 1/2 A1)



5x1

**SOUDAG**

Welding leggings. Height: 30 cm. Sold by pair.
Cow split leather; aramid yarn. Thickness: 1,4 mm ($\pm 0,1$).
Strap and buckle fastening on sole and self grip fastening on side.



EN ISO 11611
(Class 1/2 A1)



4x5





VPLOCEAN Colour: yellow.

VPLRAINY Colour: navy blue.

VPLWINDY Colour: green.

Rainwear composed by two pieces.

Jacket. Outside material: 60% polyester, 25% PVC and 15% polyurethane. Taped seams.

Attached hood rolled into collar with drawcords.

2 outer pockets. Zip fastening under studded flap.

Waist with drawcords and stoppers. Elasticated wrists.

Trousers. Outside material: 60% polyester, 25% PVC and 15% polyurethane. Taped seams. 2 hand passes.

Fly with button. Elasticated waist.



10x1



M → 3XL

SINGER



COMBIPUV

Rain coverall. Outside material: 60% polyester, 25% PVC and 15% polyuréthane. Taped seams.

Attached hood rolled into collar with drawcords.

2 outer pockets. Double waterproof zip fastening

under studded flap. Elasticated wrists. Colour: green.



10x1



M → 2XL

SINGER

VPLARMORJ Colour: yellow.**VPLARMORM** Colour: navy blue.**VPLARMORV** Colour: green.

Rainwear composed by two pieces.

Jacket. Outside material: 80% PVC and 20% polyester. Taped seams.

Attached hood rolled into collar with drawcords.

2 outer pockets. Zip fastening under studded flap.

Waist with drawcords and stoppers. Wrists with press-studs.

Trousers. Outside material: 80% PVC and 20% polyester. Taped seams.

2 hand passes. Fly with button. Elasticated waist.

**SINGER** **VPLMANJ** Colour: yellow.**VPLMANV** Colour: green.

Raincoat.

Outside material: 80% PVC and 20% polyester. Taped seams.

Attached hood rolled into collar with drawcords. 2 outer pockets.

Zip fastening under studded flap. Wrists with press-studs.

**SINGER** **VPLOSLOV** Colour: green.**VPLOSLOM** Colour: navy blue.

Rain coverall.

Outside material: 80% PVC and 20% polyester. Taped seams.

Attached hood rolled into collar with drawcords.

2 outer pockets and 1 inner pocket.

Double waterproof zip fastening under studded flap.

Wrists with press-studs.

**SINGER** 

**LAB**

Work lab coat. Outside material: 100% cotton, 265 gsm.
3 outer pockets and 1 inner pocket.
Zip fastening with button. Color: white.



10x1 2XS → 3XL

SINGER

LABBLUE

Work lab coat. Outside material: 100% cotton, 300 gsm.
3 outer pockets and 1 inner pocket.
Zip fastening with button. Color: ink blue.



10x1 2XS → 3XL

SINGER



 **LENZING Modal®**

SAHO Long sleeves t-shirt **SABA** Long underpants **SIRAC** Neck cover **SAGA** Hood

Underwears. Sold separately. Outside material: 47,5 % Modal®, 47,5 % cotton, 5 % elastane, 200 gsm. Modal® is a registered trademark from Lenzing AG company.



 10x1  SAHO / SABA: S/M, L/XL, 2XL/3XL SIRAC / SAGA: One size only

SINGER 



[VERY STRONG]

TAB1290PUB Colour: white

TAB1290PUV Colour: green

Bib apron. Polyurethane/PVC.
Dimensions 120 x 90 cm.



10x1

SINGER



TABPB1070 Colour: white 100 x 70 cm

TABPB1290 Colour: white 120 x 90 cm

TABPV1070 Colour: green 100 x 70 cm

TABPV1290 Colour: green 120 x 90 cm

Bib apron. PVC/polyester.



x20

Prosur



TABCHB1070

Bib apron. Cotton fabric. Dimensions 100 x 70 cm. Colour: blue.



5x10

SINGER



High
visibility



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



PARINA Colour: yellow and navy blue. **PARINO** Colour: orange and navy blue. **PARIRO** Colour: red and black.

High visibility parka. Outside material: 100% polyester (Oxford 300D) coated with PU. Lining: taffeta polyester. Taped seams. Attached hood rolled into collar with drawcords. 3 outer pockets and 2 inner pockets. Zip fastening (Two ways) under self-grip flap. Badge holder. Retro-reflective tapes. Zip access for printing.

Removable high visibility inner jacket. Outside material: 100% polyester coated with PU. Lining: polar fleece polyester, 280 gsm. Taped seams. Detachable sleeves. 3 outer pockets and 1 inner pocket. Zip fastening. Knitted wrists. Retro-reflective tapes. Zip access for printing.



Parka

Bodywarmer
(with the sleeves)

Bodywarmer
(without the sleeves)



S → 4XL (PARIRO: S → 3XL)

SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



PIAMA Colour: yellow and navy blue. **PIAMO** Colour: orange and navy blue.

High visibility parka. Outside material: 100% polyester (Oxford 300D) coated with PU. Lining: taffeta polyester. Taped seams. Attached hood rolled into collar with drawcords. 3 outer pockets and 2 inner pockets. Zip fastening (Two ways) under studded flap. Retro-reflective tapes. Zip access for printing.

Removable high visibility inner jacket. Outside material: polyester coated with PU (body) and polar fleece polyester (sleeves). Lining: polar fleece polyester, 280 gsm. Detachable sleeves. 3 outer pockets and 1 inner pocket. Zip fastening. Knitted wrists. Retro-reflective tapes. Zip access for printing.



Parka

Bodywarmer
(with the sleeves)

Bodywarmer
(without the sleeves)



10x1



S → 4XL

SINGER



[MULTIRISKS PARKA]

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



PANAMA Colour: yellow and navy blue. **PANAMO** Colour: orange and navy blue.

Multirisks high visibility parka. Outside material: 98% polyester and 2% carbon, 260 gsm. Lining: cotton, 170 gsm. Padding: polyester, 100 gsm. Taped seams. Attached hood rolled into collar with drawcords. 2 outer pockets and 1 inner pocket. Zip fastening (Two ways) under self-grip flap. Knitted wrists under the sleeves. Retro-reflective tapes. Zip access for printing.



Limited flame spread
EN ISO 14116: 2015
Index 1/5H/40



10x1



S → 3XL

SINGER



PALERME Colour: yellow and navy blue.

PALOMA Colour: orange and navy blue.

High visibility parka.

Outside material: 100% polyester (Oxford 300D) coated with PU.

Lining: taffeta polyester. Padding: polyester, 180 gsm.

Taped seams. Attached hood rolled into collar with drawcords.

2 outer pockets and 2 inner pockets.

Zip fastening (Two ways) under studded flap.

Knitted wrists. Retro-reflective tapes.

Zip access for printing.



SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

PARDA Colour: yellow and navy blue.

PARDÓ Colour: orange and navy blue.

High visibility parka.

Outside material: 100% polyester (Oxford 300D) coated with PU.

Lining: taffeta polyester. Padding: polyester, 160 gsm.

Taped seams. Attached hood rolled into collar with drawcords.

2 outer pockets and 2 inner pockets.

Zip fastening (Two ways) under self-grip flap.

Knitted wrists. Retro-reflective tapes.

Zip access for printing.



SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



BLAVIA Colour: yellow and navy blue. **BLAVIO** Colour: orange and navy blue.

High visibility bomber jacket. Outside material: 100% polyester (Oxford 300D) coated with PU. Lining: polar fleece polyester, 280 gsm. Taped seams. Attached hood rolled into collar with drawcords. 4 outer pockets and 1 inner pocket.

Zip fastening (Two ways) under self-grip and studded flap. Elasticated waist. Knitted wrists. Retro-reflective tapes. Zip access for printing.



10x1 S → 3XL

SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



VIENA Colour: yellow. **VIENO** Colour: orange.

High visibility bomber jacket. Outside material: 100% polyester (Oxford 300D) coated with PU. Lining: polar fleece polyester, 280 gsm. Taped seams. Attached hood rolled into collar with drawcords. Detachable sleeves. 3 outer pockets and 1 inner pocket under studded flap. Zip fastening under studded flap. Loins protection. Knitted wrists under the sleeves. Retro-reflective tapes. Zip access for printing.



With sleeves



Without sleeves

10x1 S → 3XL

SINGER

High
visibility



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



VEROME Colour: yellow. **VEROMO** Colour: orange.

High visibility bomber jacket. Outside material: polyester (Oxford 300D) coated with PU (body) and polar fleece polyester (sleeves). Lining: polar fleece polyester, 280 gsm. Detachable sleeves. 3 outer pockets and 1 inner pocket. Zip fastening. Loins protection. Knitted wrists. Retro-reflective tapes. Zip access for printing.



SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100 

POLGA Colour: yellow and navy blue. **POLGO** Colour: orange and navy blue.

High visibility jacket. Outside material: 100% polar fleece polyester; 350 gsm. Lining: taffeta polyester.
2 outer pockets. Zip fastening. Elasticated waist. Knitted wrists. Retro-reflective tapes.



 10x1  S → 3XL

SINGER 

High
visibility



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



VILMA Colour: yellow and navy blue. **VILMO** Colour: orange and navy blue.

High visibility softshell jacket.

Outside material: 100% polyester, 350 gsm. Lining: polar fleece polyester. Removable hood by zipper with drawcords. Removable sleeves. 5 outer pockets and 2 inner pockets. Waterproof zip fastening. Knitted wrists under the sleeves. Retro-reflective tapes.



10x1 S → 3XL

SINGER



**TRIPLE LAYER
WITH TPU MEMBRANE**

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100 



VULCA Colour: yellow and navy blue. **VULCO** Colour: orange and navy blue.

High visibility softshell jacket. Outside material: 100% polyester, 370 gsm. Lining: polar fleece polyester.
3 outer pockets and 1 inner pocket. Zip fastening. Waist with drawcords and stoppers. Wrists with self-grip tapes. Retro-reflective tapes.



 10x1  S → 3XL

SINGER 

High
visibility



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



SUITA Colour: yellow and navy blue. **SUITO** Colour: orange and navy blue.

High visibility jacket. Outside material: 100% polyester, 280 gsm. Attached hood with drawcords. 3 outer pockets. Zip fastening. Elasticated waist. Knitted wrists. Retro-reflective tapes.



10x1 S → 3XL

SINGER



VILA Colour: yellow and navy blue.

VILO Colour: orange and navy blue.

High visibility rainwear, 2 pieces.

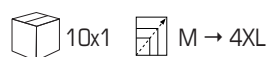
Jacket. Outside material: 100% polyester (Oxford 300D) coated with PU, 280 gsm. Lining: polyester mesh. Taped seams. Attached hood rolled into collar with drawcords. 3 outer pockets. Zip fastening under studded flap. Elasticated wrists with self-grip tapes. Retro-reflective tapes.

Trousers. Outside material: 100% polyester coated with PU, 280 gsm. Taped seams. 2 hand passes. Fly. Elasticated waist with drawcords and stoppers. Retro-reflective tapes.



Jacket

Trousers



SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

PIVA Colour: yellow and navy blue.

PIVO Colour: orange and navy blue.

High visibility bib pant.

Outside material: 100% polyester (Oxford 300D) coated with PU. Taped seams. 2 hand passes. Fly with button. Elasticated waist. Retro-reflective tapes.



SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

VITA Colour: yellow and navy blue.

VITO Colour: orange and navy blue.

High visibility work jacket.

Outside material: 60% cotton and 40% polyester; 280 gsm.

5 outer pockets and 2 inner pockets.

Zip fastening. Wrists with self-grip tapes.

Retro-reflective tapes.



10x1 S → 3XL

SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

PILA Colour: yellow and navy blue.

PILO Colour: orange and navy blue.

High visibility work trousers.

Outside material: 60% cotton and 40% polyester; 280 gsm.

7 outer pockets. Fly with zipper and button. Loops for belt.

Knee pad pockets. Elasticated waist.

Reflective piping and retro-reflective tapes.



10x1 S → 3XL

SINGER



VARNA Colour: yellow and navy blue.

VARNO Colour: orange and navy blue.

High visibility work jacket.

Outside material: 65% polyester and 35% cotton, 245 gsm.

4 outer pockets. Zip fastening under self-grip flap.

Wrists with self-grip tapes.

Retro-reflective tapes.



10x1  S → 3XL

SINGER 

PUNA Colour: yellow and navy blue.

PUNO Colour: orange and navy blue.

High visibility work trousers.

Outside material: 65% polyester and 35% cotton, 245 gsm.

3 outer pockets. Fly with zipper and button.

Loops for belt. Knee pad pockets. Elasticated waist.

Retro-reflective tapes.



10x1  S → 3XL

SINGER 



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

[FIRE
RETARDANT]

SULFA

High visibility tee shirt. Fire retardant. Long sleeves.

Outside material: 60% modacrylic, 38% cotton and 2% carbon, 195 gsm.

Knitted wrists. Flexible segmented retro-reflective tapes.

Colour: yellow and navy blue.



A1, B1, C2

APC1



20x1



S → 3XL

SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

[SEGMENTED
TAPES]

SUVA Colour: yellow and navy blue.

SUVO Colour: orange and navy blue.

High visibility tee shirt. Long sleeves. Ventilation under the arms.

Outside material: 55% cotton and 45% polyester; 170 gsm.

Bird eyes fabric. Inner cotton surface. Knitted wrists.

Flexible segmented retro-reflective tapes.



2



25x1



S → 3XL

SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

[SEGMENTED
TAPES]

POLMA Colour: yellow and navy blue.

POLMO Colour: orange and navy blue.

High visibility polo.

Outside material: 55% cotton and 45% polyester; 170 gsm.

Bird eyes fabric. Inner cotton surface.

Flexible segmented retro-reflective tapes.



2



25x1



S → 3XL

SINGER

PUNTA Colour: yellow and navy blue.

PUNTO Coloris: orange et bleu marine.

High visibility polo. Long sleeves.

Outside material: 100% polyester; 150 gsm. Bird eyes fabric.

Flexible retro-reflective tapes.



SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

[FLEXIBLE TAPES]

PAULA Colour: yellow and navy blue.

PAULO Colour: orange and navy blue.

High visibility polo. Outside material: 100% polyester; 150 gsm.

Bird eyes fabric. Flexible retro-reflective tapes.



SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

[FLEXIBLE TAPES]

SUZE Colour: yellow and navy blue.

SUZO Colour: orange and navy blue.

High visibility tee shirt. Outside material: 100% polyester; 150 gsm.

Bird eyes fabric. Retro-reflective tapes.



SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

BILBA Colour: yellow and navy blue.

BILBAO Colour: orange and navy blue.

High visibility short.

Outside material: 65% polyester and 35 % cotton, 245 gsm.

3 outer pockets. Fly with zipper and button.

Loops for belt. Elasticated waist. Retro-reflective tapes.



SINGER





OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

GANA Colour: yellow.

GANO Colour: orange.

High visibility bodywarmer. Outside material: 100% polyester (Oxford 300D) coated with PU. Lining: polar fleece polyester, 260 gsm. 3 outer pockets and 1 inner pocket. Zip fastening. Retro-reflective tapes. Zip access for printing.



10x1 S → 3XL

SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

GARA Colour: yellow.

GARO Colour: orange.

High visibility bodywarmer. Outside material: 100% polyester, 120 gsm. 3 outer pockets. Zip fastening. Badge holder. Retro-reflective tapes.



50x1 S → 3XL

SINGER



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

VPLGILJ Colour: yellow.

VPLGILO Colour: orange.

High visibility bodywarmer. Outside material: 100% polyester, 120 gsm. Zip fastening. Retro-reflective tapes.



50x1 S → 2XL

SINGER

GILKID

High visibility bodywarmer. Outside material: 100% polyester, 120 gsm.
Badge holder. Retro-reflective tapes. Colour: yellow.

EN 1150: 1999

 100x1  4-6, 7-9, 10-12

SINGER 

GILAIR Colour: yellow.

GILAIRO Colour: orange.

High visibility bodywarmer. Outside material: 100% polyester, 120 gsm.
Ventilated upper part. Badge holder. Retro-reflective tapes.



 50x1  L → 2XL

SINGER 

GILA Colour: yellow.

GILO Colour: orange.

High visibility bodywarmer.
Outside material: 100% polyester, 120 gsm. Retro-reflective tapes.



 50x1  L → 2XL

SINGER 

GILBLE Colour: navy blue.

GILVER Colour: green.

Bodywarmer. Outside material: 100% polyester, 120 gsm.
Retro-reflective tapes.



 50x1  L → 2XL

SINGER 



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100 



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100 



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100 



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100 



BRASSJ Colour: yellow.

BRASSO Colour: orange.

High visibility polyester armband PU coated. Height: 90 mm.
3M™ retro-reflective tape in 30 mm height. Self-grip fastening.

EN 13356



10x10

SINGER



TRSGN1

Warning triangle, strong and resistant with built-in heavy duty stabilising metal base.
Supplied in plastic carrying case. Conformity E27*27R-03*1003*00.



20x1



SGNCONE

Red and white road sign cone in polyethylene. Height: 50 cm.



10x1



ACCBADGE

Self-adhesive transparent badge holder 3M™ 105x70mm.



50x10



BALPL1

Free standing floor sign. «Danger sol glissant.» (text in french language)



10x1







This mode of protection is intended to limit movements of the user. It prevents from reaching areas where a fall could occur. It's not able to stop a fall from height and should not be confused with a fall arrest system, even if it is implemented with components that may look similar.

Also, this device is not intended to provide maintenance function at the workstation. The length of the lanyard must be chosen or adjusted to make the fall impossible.

PREMIUM



CORTOLUX
Restraint lanyard.

HARRICANA1
Fall arrest harness.



ESSENTIAL



CORTOPRO
Restraint lanyard.

HARRIMIX
Fall arrest harness.



ACCESSORIES



ALPINO - Helmet / Climber

SGNCONE - Traffic cone

MC6022 - Mechanical gloves





These systems are intended to allow an user to reach areas / positions where there is a risk of falling. It must stop a fall if it occurs, then ensure the suspension after stopping the fall. Those system are always made of an anchor point, a connecting element (with an energy absorption function) and a fall arrest harness.

Warning: before any use, it is important to consider the notions of fall factor and air draft.

PREMIUM



ANKASTIL

Anchorage wire.

TWINLUX15

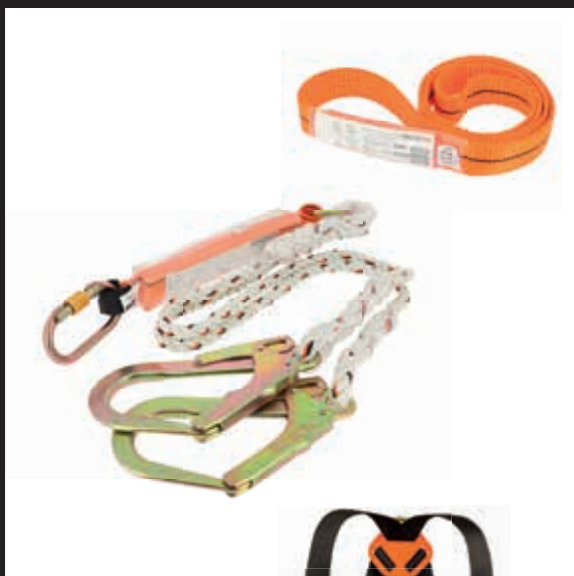
Double lanyard.

HARRICANA1

Fall arrest harness.



ESSENTIAL



ANKANO

Cross arm strap.

TWINPRO15

Double lanyard.

HARRISTIL

Fall arrest harness.



ACCESSORIES



ALPINHV - Helmet / Climber

SACHYDRO - Waterproof bag

PHD135PU - Cut resistant gloves





With this system, the user is able to perform a task on structure that require a supported or suspended working position. In any case, a work positioning system does not replace the fall arrest system: it doesn't ensure this function. The user must associate it with a fall arrest system.

Warning: a work positioning system must always be associated to a fall arrest system.

PREMIUM



WORKLUX

Work positioning lanyard.

HARRICANA3

Fall arrest harness.



ESSENTIAL



WORKPRO

Work positioning lanyard.

HARRIWORK

Fall arrest harness.



ACCESSORIES



ALPINO - Helmet / Climber

LP490 - Headlamp

TOOLFLEX - Toolholder



LINEA200 (PN3000BC)

Temporary anchoring.
Horizontal lifeline made of polyester strap.
Anchorage devices made of polyester strap.
Steel tensioning system. Up to 2 users.
Adjustable from: 5 to 20 m. Length: 20 m.
Width: 30 mm. Supplied with its carrying bag.

EN 795 (Type B and C) CEN/TS 16415 (Type B and C)



1x1



3,2 kg

SINGER

ANKAFRAME

Anodized aluminium bar anchor.
 Installation on door or window frame.
 Does not require tools for setting up. Up to 2 users.
 Adjustable from: 60 to 125 cm. Length: 150 cm.
 Supplied with its carrying bag.

EN 795 (Type B) CEN/TS 16415 (Type B)

 1x1  4,9 kg

SINGER 

**ANKABIM**

Anodized aluminium beam anchor.
 Installation on horizontal IPN beam.
 Adjustable from: 90 to 340 mm. Length: 50 cm.

EN 795 (Type B)

 1x1  1,9 kg

SINGER 



ANKASTIL10 - Length: 100 cm.

ANKASTIL15 - Length: 150 cm.

Temporary anchoring. Metal anchor wire.
 Double crimping. PVC protective sheath. Diameter: 8 mm.

EN 795 (Type B)

 20x1  ANKASTIL10: 470 g
 ANKASTIL15: 700 g

SINGER 



ANKANO6 (PN807) - Length: 60 cm.

ANKANO10 - Length: 100 cm.

Temporary anchoring. Polyester strap ring. Width: 25 mm.

EN 795 (Type B)

 20x1  ANKANO6: 90 g
 ANKANO10: 150 g

SINGER 





ARAWEB100

Retractable fall arrester with polyester strap.
Includes a double action steel connector, captive with swivel.
Includes a triple action aluminium connector OVALUX.
Presence of a fall witness. Case resistant to shocks.
Use in factor 0 only. Total length: 10 m.

EN 360

 1x1  5,7 kg
SINGER **ARALUX**

Retractable fall arrester with polyester strap.
Includes a light double action aluminium connector, captive with swivel. Includes a triple action aluminium connector OVALUX.
Presence of a fall witness. Visible energy absorber:
Possible use in factor 2. Total length: 2 m.

EN 360 CNB/P/11.060

 1x1  990 g
SINGER **ARAPRO (PN2002)**

Retractable fall arrester with polyamide strap.
Includes two steel screw connectors OVABASE.
Visible energy absorber. Use in factor 0 only. Total length: 2,5 m.

EN 360

 5x1  1,2 kg
SINGER 



STOPLUX100 - Length: 10 m.

STOPLUX200 - Length: 20 m.

Aluminium mobile fall arrester on rope. Double action closing. Includes a triple action aluminium captive connector OVALUX, connected by a micro-cable. Fluid on ascent and descent, with no action required from the user. Fall arrest device: braided polyester rope. Diameter: 12 mm. Includes an energy absorber protected by a sheath. Equipped with a 30 cm polyester rope protection.

EN 353-2



STOPLUX100: 10x1
STOPLUX200: 5x1



STOPLUX100: 1,6 kg
STOPLUX200: 3,0 kg

SINGER



STOPRO (PN2007AP)

Steel mobile fall arrester on rope. Double action closing. Includes a steel screw captive connector OVABASE, connected with a micro-cable. Fluid on ascent and descent, with no action required from the user. Use with ASSUTWIST or ASSULINE rope (Not included).

EN 353-2



5x1



700 g

SINGER



ASSUTWIST100 (PN910) - Length: 10 m.

ASSUTWIST200 (PN920) - Length: 20 m.

Anchorage line made of stranded polyamide rope. Diameter: 14 mm. Compatible with the mobile fall arrester on rope STOPRO. Splices on both sides, protected by a plastic sheath.

EN 353-2



ASSUTWIST100: 10x1
ASSUTWIST200: 5x1



ASSUTWIST100: 1,4 kg
ASSUTWIST200: 2,8 kg

SINGER



ASSULINE100 (PN910K) - Length: 10 m.

ASSULINE200 (PN920K) - Length: 20 m.

Braided polyester rope. Diameter: 12 mm. Compatible with the mobile fall arrester on rope STOPRO. **Not compatible with the mobile fall arrest system STOPLUX.** Splice on one side, protected by a plastic sheath.

EN 353-2



ASSULINE100: 10x1
ASSULINE200: 5x1






ASSULINE100: 1,2 kg
ASSULINE200: 2,4 kg

SINGER

TWINLUX15

Double fall arrest lanyard.
Elasticated polyester strap.
Integrated energy absorber; protected by a plastic sheath. Includes two double action aluminium captive connectors GRABLUX. Includes a triple action aluminium connector OVALUX.
Minimum air draft required: 6 m (factor 2).
Unstretched length: 1,25 m.
Stretched length: 1,5 m.

EN 355 CNB/P/11.063

 10x1  1,6 kg **SINGER** 

**TWINPRO15 (PN351)**

Double fall arrest lanyard.
Stranded polyamide rope. Diameter: 12 mm.
Integrated energy absorber; protected by a plastic sheath. Includes two double action steel captive connectors GRABPRO. Includes a steel screw connector OVABASE.
Minimum air draft required: 6 m (factor 2).
Length: 1,5 m.

EN 355 CNB/P/11.063

 10x1  1,9 kg **SINGER** 

**CORTAB15 (PN301)**

Fall arrest lanyard. Stranded polyamide rope.
Integrated energy absorber; protected by a plastic sheath. Splice on one side.
Minimum air draft required: 6 m (factor 2).
Length: 1,5 m. Diameter: 12 mm.

EN 355

 20x1  480 g **SINGER** 





CORTOLUX10 - Length: 1 m.

CORTOLUX15 - Length: 1,5 m.

Restraint lanyard. Braided polyester rope.
Diameter: 11 mm. Splices on both sides.
Includes double action aluminium connector GRABLUX.
Includes steel screw connector OVABASE.

EN 354



10x1



CORTOLUX10: 785 g
CORTOLUX15: 855 g

SINGER



CORTOPRO10 - Length: 1 m.

CORTOPRO15 - Length: 1,5 m.

Restraint lanyard. Stranded polyamide rope.
Diameter: 12 mm. Splices on both sides.
Includes a double action steel connectors GRABPRO.
Includes a steel screw connector OVABASE.

EN 354



10x1



CORTOPRO10: 815 g
CORTOPRO15: 885 g

SINGER



CORTOBASE10 (PN201B) - Length: 1 m.

CORTOBASE15 (PN201) - Length: 1,5 m.

Restraint lanyard. Stranded polyamide rope.
Diameter: 12 mm. Splices on both sides.
No connector included.

EN 354



25x1



CORTOBASE10: 170 g
CORTOBASE15: 255 g

SINGER

WORKLUX

Work positioning lanyard.
Braided polyester rope. Diameter: 12 mm.
Aluminium rope adjustment device, opening with two consecutive actions. Rope jamming system.
Includes a triple action aluminium connector OVALUX.
Includes a double action aluminium captive hook.
Equipped with a 30 cm polyester rope protection.
Maximal length: 2 m.

EN 358

10x1 740 g

SINGER



WORKPRO (PN242)

Work positioning lanyard. Stranded polyamide rope.
Diameter 14 mm. Splice on one side.
Steel rope adjustment device. Rope jamming system.
Includes two steel screw connectors OVABASE.
Maximal length: 2 m.

EN 358

10x1 1,2 kg

SINGER



WORKBASE (PN241)

Work positioning lanyard. Stranded polyamide rope.
Diameter 14 mm. Splice on one side.
Stainless steel adjustment ring.
Includes two steel screw connectors OVABASE.
Maximal length: 2 m.

EN 358

10x1 745 g

SINGER





HARRICANA3

Suitable for the restraint system, fall arrest system, work positioning and rope access functions.

Polyester strap construction. Contrasted security seams.

Padded with knitted mesh lining.

Adjustable straps (sternals, waist, thighs). One size only.

This harness includes:

- 1 dorsal connection (fall arrest) with aluminium ring.
- 1 sternal connection (fall arrest) with aluminium ring.
- 2 lateral connections (work positioning) with aluminium ring.
- 1 ventral connection (access by rope) with aluminium ring.
- 4 automatic buckles for straps closing.
- 4 equipment holders.

EN 358 EN 361 EN 813



SINGER



HARRISTAR (PN56)

Suitable for the restraint system, fall arrest system, work positioning and rope access functions. Polyester strap construction. Contrasted security seams. Padded with knitted mesh lining. Adjustable straps (sternals, waist, thighs). One size only.

This harness includes:

- 1 dorsal connection (fall arrest) with steel ring.
- 1 sternal connection (fall arrest) with steel ring.
- 2 lateral connections (work positioning) with steel ring.
- 1 ventral connection (access by rope) with steel ring.
- 7 equipment holders.

EN 358 EN 361 EN 813

5x1 2,3 kg

SINGER

HARRIWORK (PN42)

Suitable for the restraint system, fall arrest system and work positioning functions. Polyester strap construction. Contrasted security seams. Padded with knitted mesh lining. Adjustable straps (sternals, waist, thighs). One size only.

This harness includes:

- 1 dorsal connection (fall arrest) with steel ring.
- 1 sternal connection (fall arrest) with 2 textile buckles.
- 2 lateral connections (work positioning) with steel ring.
- 7 equipment holders.

EN 358 EN 361

5x1 1,8 kg

SINGER



HARRICANA1

Suitable for the restraint and fall arrest system.
Polyester strap construction. Contrasted security seams.
Padded with knitted mesh lining.
Adjustable straps (sternals, thighs). One size only.

This harness includes:

- 1 dorsal connection (fall arrest) with aluminium ring.
- 1 sternal connection (fall arrest) with 2 textile buckles.
- 1 automatic buckle for harness closing.
- 2 automatic buckles for straps closing.
- 2 equipment holders.

EN 361



5x1



1,7 kg

SINGER



HARRISTIL (PN24)

Suitable for the restraint and fall arrest system.
Polyester strap construction. Contrasted security seams.
Adjustable straps (sternals, thighs).
One size only.

This harness includes:

- 1 dorsal connection (fall arrest) with steel ring.
- 1 sternal connection (fall arrest) with steel ring.

EN 361



10x1



1,2 kg

SINGER



HARRIMIX (PN12)

Suitable for the restraint and fall arrest system.
Polyester strap construction. Contrasted security seams.
Adjustable straps (sternals, thighs).
One size only.

This harness includes:

- 1 dorsal connection (fall arrest) with steel ring.
- 1 sternal connection (fall arrest) with 2 textile buckles.

EN 361

10x1 920 g

SINGER



HARRIONE (PN11)

Suitable for the restraint and fall arrest system.
Polyester strap construction. Contrasted security seams.
Adjustable straps (sternals, thighs).
One size only.

This harness includes:

- 1 dorsal connection (fall arrest) with steel ring.

EN 361

10x1 800 g

SINGER



OVALUX

Symmetrical light connector; made of anodized aluminium. Triple action automatic closure to ensure maximum safety. Perfect to connect a lanyard to the fall arrest harness. Incorporates «No hook» technology. Opening: 14 mm.

EN 362 (Class B)



5x10



80 g

SINGER



OVALOCK

Steel symmetrical connector; screw closure. With a wide ferrule. Perfect to connect fall arrest equipment. Non-closing red indicator to ensure safety. Incorporates «No hook» technology. Opening: 16 mm.

EN 362 (Class B and M)



5x10



165 g

SINGER



OVABASE (PN112)

Steel symmetrical connector; screw closure. Perfect to connect fall arrest equipment. Opening: 18 mm.

EN 362 (Class B and M)



5x10



160 g

SINGER

NOVOPRO (PN117)

Unsymmetrical light connector, made of anodized aluminium.
Double action automatic closure, 1/4 turn.
Its width allows to accommodate several equipment. Opening: 21 mm.

EN 362 (Class B)



SINGER



NOVOBASE (PN116)

Unsymmetrical light connector, made of anodized aluminium. Screw closure.
Its width allows to accommodate several equipment. Opening: 22 mm.

EN 362 (Class B)



SINGER



GRABLUX (PN136)

Aluminium light connector.
Simple and fast use, double action.
Perfect to connect a lanyard to a wide metallic structures. Opening: 60 mm.

EN 362 (Class A and T)



SINGER



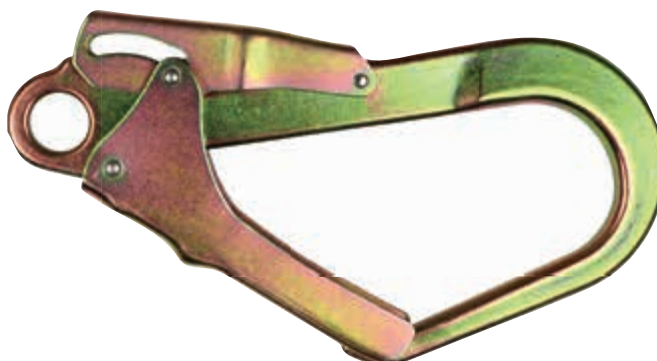
GRABPRO (PN131)

Steel connector.
Simple and fast use, double action.
Perfect to connect a lanyard to a wide metallic structures. Opening: 50 mm.

EN 362 (Class T)



SINGER

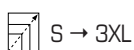




OPENING FOR
DORSAL FALL ARREST
CONNECTION

HARRIGARA

High visibility bodywarmer.
Outside material: 100% polyester, 120 gsm.
3 outer pockets. Zip fastening (Two ways).
Badge holder. Retro-reflective tapes. Colour: yellow.



SINGER



SACHYDRO

Tarpaulin waterproof bag P.V.C 500 D. Thickness: 0.50 mm.
Height: 86 cm. Opening: 33 cm. Volume: 60 liters.
Winding closure and clip.
Two adjustable straps, padded with mesh lining.
Chest strap with clip. 2 equipment holders.



SINGER



not a
PPE
PPE

TOOLFLEX

Extensible tool holder. Indispensable for work at height.
Includes a small carabiner to hang the tool.
Cord at one end. Maximum load supported: 10 kg.
Unstretched length: 85 cm. Stretched length: 135 cm.



SINGER



SACPRO (PN903)

Polyester carry bag. Dimension: 45 x 22 x 22 cm.
Volume: 22 liters. Zip fastening. Label holder
(label not included). Two straps. Color: black and orange.



SINGER



SACKIT

Polyester carry bag. Dimension: 32,5 x 45 cm.
Cords fastening. Color: black and white.



SINGER



Buying guide SHOES

SINGER®
safety



INDRA S1-P ESD SRC	BARYO S3 SRC	BARY S3 SRC	BOCA S1-P SRC	GENES S1-P SRC	RODI S1-P SRC	ABYSS S3 WR SRC	FOGGIA S3 SRC	LAURO S3 SRC	TRIESTE S3 SRC	ROMA S3 SRC
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JOBS	CONSTRUCTION							👍👍👍	👍👍👍	👍👍👍	👍👍👍	👍👍👍
	FINISHINGS	👍	👍👍	👍👍	👍	👍	👍👍	👍👍				
	INDUSTRY	👍👍👍	👍👍	👍👍	👍👍	👍	👍					
	WELDING											
	FOOD AND MEDICAL SECTORS											
	LOGISTICS	👍👍👍	👍👍👍	👍👍👍	👍👍👍	👍👍👍	👍👍👍					
ADVANTAGES	ENVIRONMENT	☀️	🌧️	🌧️	☀️	☀️	☀️	🌧️	🌧️	🌧️	🌧️	🌧️
	WEIGHT*	640g	560g	520g	490g	550g	610g	790g	730g	680g	680g	670g
	E.E.P. TONGUE					👤	👤		👤			
	ERGONOMIC INSOLE	👤						👤	👤			
	COMFORT PACK							👤				
	CLIM PACK					👤	👤					



E.E.P. tongue (Ergonomic-Foam-Protect)
+ Limits compression points
+ Stabilises lacing



Ergonomic sole (Preformed PU)
+ Removable / Fast drying / Antistatic
+ Foot arch support
+ Reduces shocks with PU and energy absorbing heel

[*] Approximative weight of a shoe (size 42)



PARMA	ASTRO	TRANO	CADIX	ALBI	MILAN	ETNA	ST280	IMOLA	PADOVA	ST400	VIGO	GR35	GR25	GR10	GR20
S3	S3	S3	S1-P	S1-P	S3	S3	S1-P	S3	S3	S1-P	S2	S3	S3	S1-P	S1-P
SRC	SRC	SRC	SRC	SRC	HRO SRC	HRO SRC	SRC	SRC	SRC	SRC	SRC	SRC	SRC	SRC	SRC

👍👍👍	👍👍👍	👍👍👍										👍👍	👍👍		
	👍👍👍	👍👍👍	👍	👍						👍👍				👍👍	👍👍
			👍👍👍	👍👍👍	👍👍👍			👍👍👍	👍👍👍	👍		👍👍	👍👍		
					👍👍	👍👍👍	👍👍								
											👍👍👍				
			👍👍	👍👍						👍👍👍		👍👍	👍👍	👍👍	👍👍

🌞	🌞	🌞	🌞	🌞	🌞	🌞	🌞	🌞	🌞	🌞	🌞	🌞	🌞	🌞	🌞
580g	730g	680g	680g	650g	730g	700g	640g	740g	670g	710g	420g	620g	590g	600g	580g
	👣	👣	👣	👣	👣										
	👣	👣	👣	👣	👣	👣									
	👣	👣	👣	👣	👣										



Comfort pack

- + Ergonomic insole
- + E.F.P. tongue
- + More comfort
- + Less tiring during daily use



Clim pack

- + Lateral ventilation system
- + Ventilated insole
- + Optimised shoe ventilation
- + Provide more comfort in hot environment



ANTIPERFORATION
FLEXIBLE TEXTILE



ERGONOMIC INSOLE



INDRA

Upper: split suede leather and ventilated polyester mesh.

Lining: textile. Tongue: comfortable padding, with gusset. Toe cap: composite shockproof 200J. Insole: ESD, ergonomic in preformed PU.

Pierce resistant midsole: high tenacity textile. Sole: polyurethane double-density. Metal free shoes.

EN 61340-4-3 ESD
EN ISO 20345 S1-P SRC



10x1 36→47 640 g

SINGER

**BARYO**

Upper: high cut, water repellent nubuck leather.
 Lining: textile. Tongue: comfortable padding, with gusset.
 Toe cap: composite shockproof 200J.
 Insole: In EVA fabric, perforated, antistatic.
 Pierce resistant midsole: high tenacity textile.
 Sole: polyurethane double-density.

EN ISO 20345 S3 SRC



10x1 36→47 560 g **SINGER**

**ANTIPERFORATION
FLEXIBLE TEXTILE****BARY**

Upper: water repellent nubuck leather.
 Lining: textile. Tongue: comfortable padding.
 Toe cap: composite shockproof 200J.
 Insole: In EVA fabric, perforated, antistatic.
 Pierce resistant midsole: high tenacity textile.
 Sole: polyurethane double-density.

EN ISO 20345 S3 SRC



10x1 36→47 520 g **SINGER**

**ANTIPERFORATION
FLEXIBLE TEXTILE**



ANTIPERFORATION
FLEXIBLE TEXTILE



BOCA

Upper: split suede leather and ventilated polyester mesh. Lining: textile. Tongue: comfortable padding, with gusset.
Toe cap: composite shockproof 200J. Insole: In EVA fabric, perforated, antistatic. Pierce resistant midsole: high tenacity textile.
Sole: polyurethane double-density. Metal free shoes, sold with an extra pair of grey laces.

EN ISO 20345 S1-P SRC



10x1 36→47 490 g

SINGER

**GENES**

Upper: split suede leather and ventilated polyester mesh.
 Lining: textile. Tongue: E.F.P. Toe cap: composite shockproof 200J.
 Insole: In EVA fabric, perforated, antistatic.
 Pierce resistant midsole: high tenacity textile.
 Sole: polyurethane double-density. Metal free shoes.

EN ISO 20345 S1-P SRC



10x1 39→47 550 g **SINGER**

**ANTIPERFORATION
FLEXIBLE TEXTILE****E.F.P TONGUE****CLIM PACK****RODI**

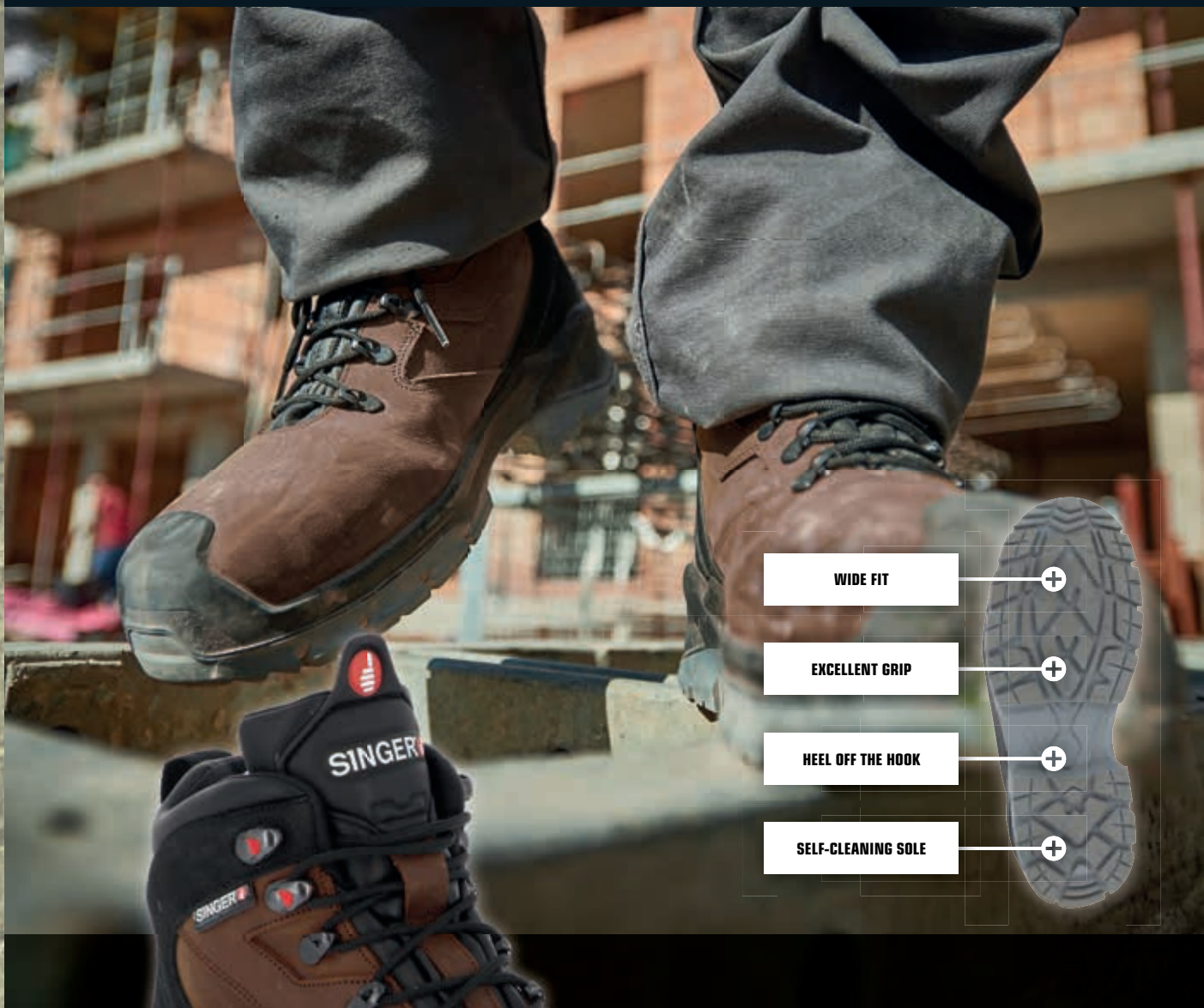
Upper: split suede leather and ventilated polyester mesh.
 Lining: textile. Tongue: E.F.P. Toe cap: composite shockproof 200J.
 Insole: ventilated PU.
 Pierce resistant midsole: steel. Sole: polyurethane double-density.
 Shoes sold with an extra pair of grey laces.

EN ISO 20345 S1-P SRC



10x1 37→47 610 g **SINGER**

**E.F.P TONGUE****CLIM PACK**



ANTIPERFORATION
FLEXIBLE TEXTILE



ERGONOMIC INSOLE



[WITH WATERPROOF
MEMBRANE]

ABYSS

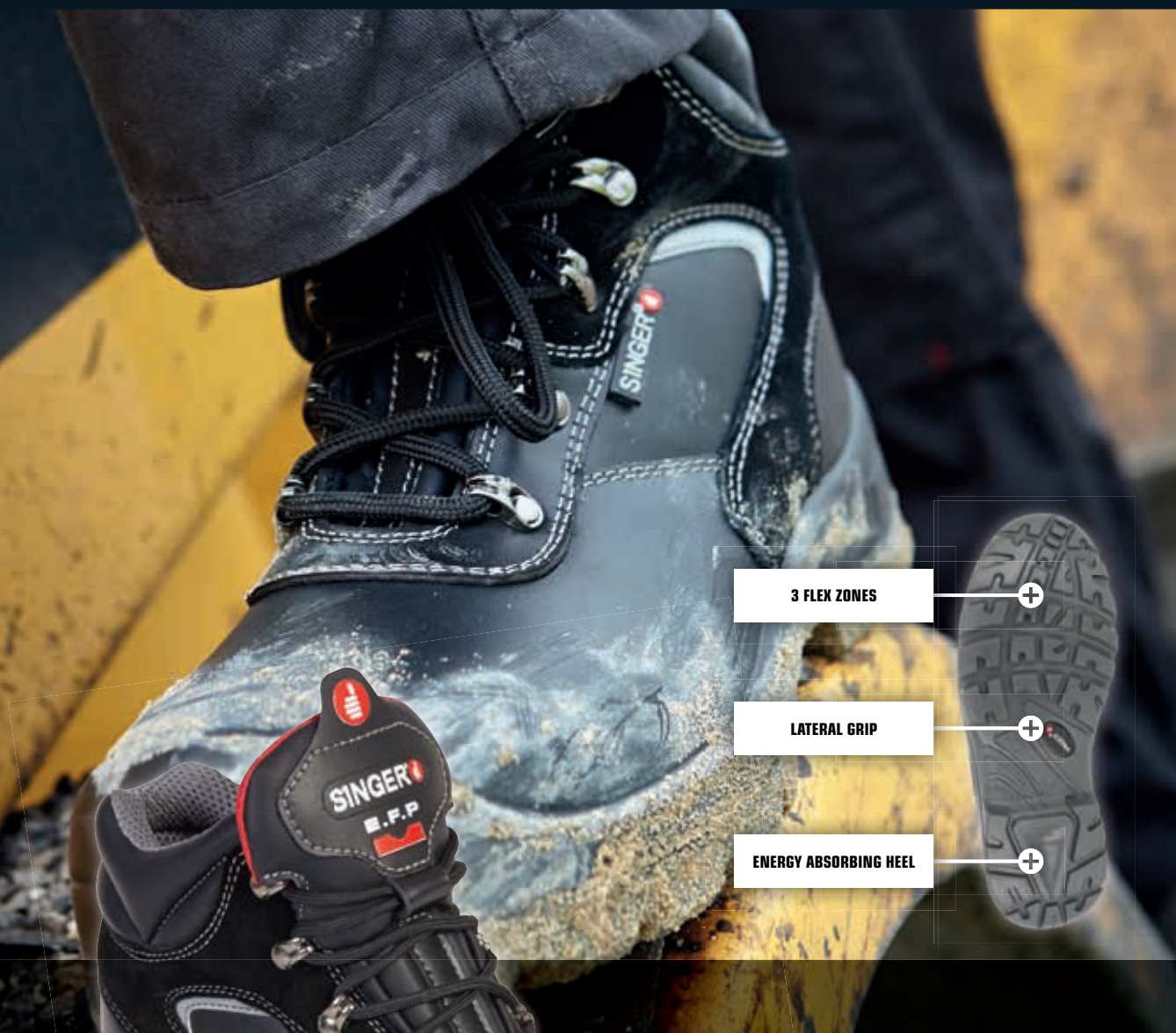
Upper: high cut, water repellent nubuck leather. Lining: textile. Tongue: with gusset. Toe cap: composite shockproof 200J. Insole: ergonomic in preformed PU. Pierce resistant midsole: high tenacity textile. Sole: polyurethane double-density.

EN ISO 20345 S3 WR SRC



10x1 39→47 790 g

SINGER



ANTIPERFORATION
FLEXIBLE TEXTILE



E.F.P TONGUE



ERGONOMIC INSOLE



COMFORT PACK



FOGGIA

Upper: high cut, water repellent full grain leather. Lining: textile. Tongue: E.F.P. with gusset. Toe cap: composite shockproof 200J. Insole: ergonomic in preformed PU. Pierce resistant midsole: high tenacity textile. Sole: polyurethane double-density.

EN ISO 20345 S3 SRC



10x1 39→47 730 g

SINGER



**ANTIPERFORATION
FLEXIBLE TEXTILE**



LAURO

Upper: high cut, water repellent full grain leather. Lining: textile.
Tongue: comfortable padding, with gusset.
Toe cap: composite shockproof 200J.
Insole: In EVA fabric, perforated, antistatic.
Pierce resistant midsole: high tenacity textile.
Sole: polyurethane double-density.

EN ISO 20345 S3 SRC



10x1 39→47 680 g **SINGER**



TRIESTE

Upper: high cut, water repellent leather. Lining: textile.
Tongue: comfortable padding, with gusset.
Toe cap: steel shockproof 200J.
Insole: In EVA fabric, perforated, antistatic.
Pierce resistant midsole: steel. Sole: polyurethane double-density.

EN ISO 20345 S3 SRC



10x1 39→47 680 g **SINGER**

**ROMA**

Upper: high cut, water repellent pigmented leather. Lining: textile.
 Tongue: comfortable padding, with gusset.
 Toe cap: composite shockproof 200J.
 Insole: In EVA fabric, antistatic.
 Pierce resistant midsole: high tenacity textile.
 Sole: polyurethane double-density.

EN ISO 20345 S3 SRC



10x1 39→47 670 g **SINGER**

**ANTIPERFORATION
FLEXIBLE TEXTILE****PARMA**

Upper: water repellent pigmented leather. Lining: textile.
 Tongue: comfortable padding, with gusset.
 Toe cap: composite shockproof 200J.
 Insole: In EVA fabric, antistatic.
 Pierce resistant midsole: high tenacity textile.
 Sole: polyurethane double-density.

EN ISO 20345 S3 SRC



10x1 39→47 580 g **SINGER**

**ANTIPERFORATION
FLEXIBLE TEXTILE**

**ANTIPERFORATION
FLEXIBLE TEXTILE****E.F.P. TONGUE****ERGONOMIC INSOLE****COMFORT PACK****ASTRO**

Upper: high cut, water repellent full grain leather. Lining: textile.
Tongue: E.F.P. with gusset. Toe cap: composite shockproof 200J.
Insole: ergonomic in preformed PU.
Pierce resistant midsole: high tenacity textile.
Sole: polyurethane double-density.

EN ISO 20345 S3 SRC



10x1



39→47



730 g

SINGER **ANTIPERFORATION
FLEXIBLE TEXTILE****E.F.P. TONGUE****ERGONOMIC INSOLE****COMFORT PACK****TRANO**

Upper: water repellent full grain leather. Lining: textile.
Tongue: E.F.P. with gusset. Toe cap: composite shockproof 200J.
Insole: ergonomic in preformed PU.
Pierce resistant midsole: high tenacity textile.
Sole: polyurethane double-density.

EN ISO 20345 S3 SRC



10x1



39→47



680 g

SINGER

**CADIX**

Upper: high cut, split suede leather and ventilated polyester mesh.
 Lining: textile. Tongue: E.F.P, with gusset.
 Toe cap: composite shockproof 200J.
 Insole: ergonomic in preformed PU.
 Pierce resistant midsole: high tenacity textile.
 Sole: polyurethane double-density.

EN ISO 20345 S1-P SRC



10x1 39→47 680 g **SINGER**

ANTIPERFORATION
FLEXIBLE TEXTILE

E.F.P TONGUE



ERGONOMIC INSOLE



COMFORT PACK

**ALBI**

Upper: split suede leather and ventilated polyester mesh.
 Lining: textile. Tongue: E.F.P, with gusset.
 Toe cap: composite shockproof 200J.
 Insole: ergonomic in preformed PU.
 Pierce resistant midsole: high tenacity textile.
 Sole: polyurethane double-density.

EN ISO 20345 S1-P SRC



10x1 39→47 650 g **SINGER**

ANTIPERFORATION
FLEXIBLE TEXTILE

E.F.P TONGUE

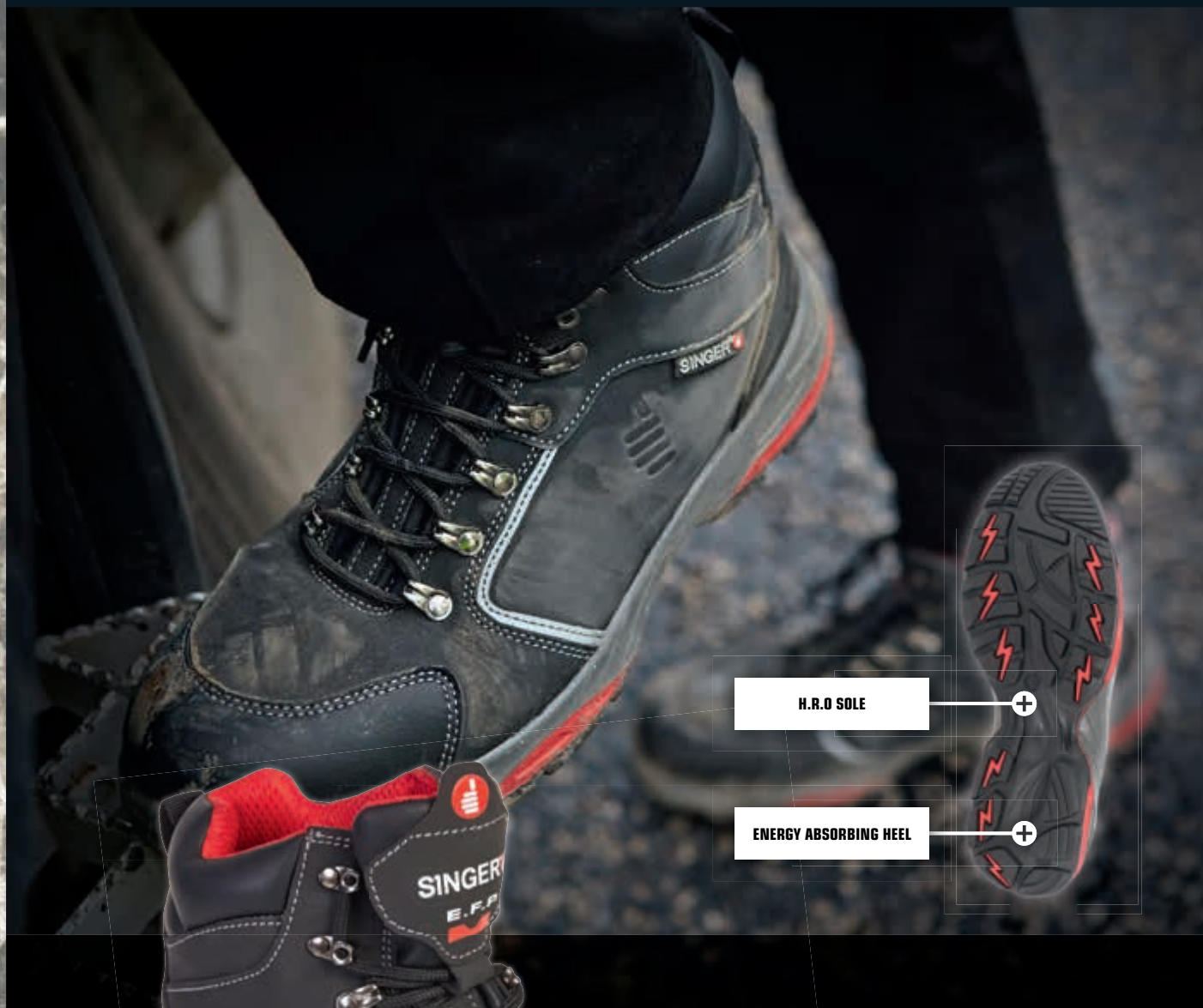


ERGONOMIC INSOLE



COMFORT PACK





H.R.O SOLE

ENERGY ABSORBING HEEL

ANTIPERFORATION
FLEXIBLE TEXTILE

E.E.P TONGUE



ERGONOMIC INSOLE



COMFORT PACK

**MILAN**

Upper: high cut, water repellent coated nubuck leather. Lining: textile. Tongue: E.F.P. with gusset.

Toe cap: composite shockproof 200J. Insole: ergonomic in preformed PU. Pierce resistant midsole: high tenacity textile. Sole: nitrile rubber, H.R.O.

EN ISO 20345 S3 HRO SRC



10x1 39→47 730 g

SINGER



ETNA

Upper: high cut, water repellent coated nubuck leather.
Lining: textile. Tongue: gusset with protective leather cover and velcro. Toe cap: composite shockproof 200J.
Insole: ergonomic in preformed PU.
Pierce resistant midsole: high tenacity textile.
Sole: nitrile rubber H.R.O.

EN ISO 20345 S3 HRO SRC



10x1 39→47 700 g **SINGER**



ANTIPERFORATION
FLEXIBLE TEXTILE



ERGONOMIC INSOLE



ST280

Upper: high cut, pigmented leather. Lining: textile.
Tongue: gusset with protective leather cover and velcro.
Toe cap: steel shockproof 200J.
Insole: In EVA fabric, antistatic.
Pierce resistant midsole: steel.
Sole: polyurethane double-density.

EN ISO 20345 S1-P SRC



10x1 39→47 640 g **SINGER**





**ANTIPERFORATION
FLEXIBLE TEXTILE**



IMOLA

Upper: high cut, water repellent full grain leather. Lining: textile.
Tongue: comfortable padding, with gusset.
Toe cap: composite shockproof 200J.
Insole: In EVA fabric, antistatic.
Pierce resistant midsole: high tenacity textile.
Sole: polyurethane double-density.

EN ISO 20345 S3 SRC



10x1 39→47 740 g **SINGER**



**ANTIPERFORATION
FLEXIBLE TEXTILE**



PADOVA

Upper: water repellent full grain leather. Lining: textile.
Tongue: comfortable padding, with gusset.
Toe cap: composite shockproof 200J.
Insole: In EVA fabric, antistatic.
Pierce resistant midsole: high tenacity textile.
Sole: polyurethane double-density.

EN ISO 20345 S3 SRC



10x1 39→47 670 g **SINGER**

**ST400**

Upper: mid cut, split suede leather. Lining: textile.

Tongue: comfortable padding, with gusset.

Toe cap: steel shockproof 200J.

Insole: In EVA fabric, antistatic.

Pierce resistant midsole: steel. Sole: polyurethane double-density.

EN ISO 20345 S1-P SRC



10x1 37→47 710 g **SINGER**

**VIGO**

Upper: microfibre. Lining: textile. Tongue: microfibre.

Elastic fastening. Toe cap: steel shockproof 200J.

Insole: In EVA fabric, antistatic. Sole: polyurethane double-density.

EN ISO 20345 S2 SRC



10x1 36→47 420 g **SINGER**



**GR35**

Upper: high cut, water repellent pigmented leather.
 Lining: textile. Tongue: comfortable padding, with gusset.
 Toe cap: steel shockproof 200J. Insole: In EVA fabric, antistatic.
 Pierce resistant midsole: steel. Sole: polyurethane double-density.

EN ISO 20345 S3 SRC



10x1



39→47



620 g

**GR25**

Upper: water repellent pigmented leather.
 Lining: textile. Tongue: comfortable padding, with gusset.
 Toe cap: steel shockproof 200J. Insole: In EVA fabric, antistatic.
 Pierce resistant midsole: steel. Sole: polyurethane double-density.

EN ISO 20345 S3 SRC



10x1



39→47



590 g



**GR10**

Upper: high cut, pigmented leather. Lining: textile.
 Tongue: comfortable padding, with gusset.
 Toe cap: steel shockproof 200J. Insole: In EVA fabric, antistatic.
 Pierce resistant midsole: steel. Sole: polyurethane double-density.

EN ISO 20345 S1-P SRC



10x1 37→47 600 g

**GR20**

Upper: pigmented leather. Lining: textile.
 Tongue: comfortable padding, with gusset.
 Toe cap: steel shockproof 200J. Insole: In EVA fabric, antistatic.
 Pierce resistant midsole: steel. Sole: polyurethane double-density.

EN ISO 20345 S1-P SRC



10x1 37→47 580 g





**ANTIPERFORATION
FLEXIBLE TEXTILE**



SPECIAL COLD



BREME

Upper: water repellent pigmented leather.
Lining: fur acrylic. Toe cap: composite shockproof 200J.
Insole: In EVA fabric, antistatic.
Pierce resistant midsole: high tenacity textile.
Sole: polyurethane double-density.

EN ISO 20345 S3 SRC



5x1



39 → 47

SINGER



SPECIAL COLD



GR40

Upper: water repellent pigmented leather.
Lining: acrylic fur. Toe cap: steel shockproof 200J.
Insole: In EVA fabric, antistatic.
Pierce resistant midsole: steel. Sole: polyurethane double-density.

EN ISO 20345 S3 SRC



10x1



39 → 47

Prosur



SPECIAL COLD

**BORN**

Upper: PVC. Lining: polyester fur. Toe cap: steel shockproof 200J. Pierce resistant midsole: steel. Sole: PVC and nitrile.

EN ISO 20345 S5 SRC



6x1 39 → 47

SINGER

**BOTSECU**

Upper: PVC. Lining: viscose. Toe cap: steel shockproof 200J. Pierce resistant midsole: steel.

EN ISO 20345 S5 SRC



6x1 39 → 47

SINGER

**BOTPVC**

Upper: PVC. Lining: viscose.

EN ISO 20347 OB SRA



10x1 39 → 47

**BOTBLANC**

Upper: PVC. Lining: viscose.

EN ISO 20347 OB SRA



10x1 36 → 47



COME

Thigh boot: resistant polyester PVC (700 gsm). Welding on safety boots. Large adjustable straps to fix on belt. Height: 90 cm. Black front wear resistant reinforcement. Lining: viscose. Toe cap: steel shockproof 200J. Pierce resistant midsole: steel.

EN ISO 20345 S5 SRC



5x1 40 → 47

SINGER



WIKI

Chest waders: resistant polyester PVC (700 gsm). Welding on safety boots. Adjustable elastic drawcord at waist. Height: 143 cm. Feature elasticated braces with fix lock buckles, an internal chest pocket. Black front wear resistant reinforcement. Reinforced with double layer on top edge. Lining: viscose. Toe cap: steel shockproof 200J. Pierce resistant midsole: steel.

EN ISO 20345 S5 SRC



5x1 40 → 47

SINGER

**CLUSE**

Warm winter socks. 58% acrylic, 25% wool, 17% polyamide. Reinforced on high heel. Tightened on the foot. Good support of the metatarsus.

00 (36-38), 01 (39-41), 02 (42-44), 03 (45-47)



10x10

SINGER **CAGNES**

Summer socks. 67% cotton, 15% polyester, 18% polyamide. Tightened on the foot. Good support of the metatarsus.

01 (39-41), 02 (42-44), 03 (45-47)



10x10

SINGER **ACCBOTACRY**

High socks for boots. 100% polyester.

Unique



60x1

SINGER **ACCCHAUS**

Socks for boot. 50% polyester / 50% cotton.

01 (39-40), 02 (41-42), 03 (43-44), 04 (45-46)



30x10

SINGER **ST2022**

Deodorant properties sole made: A perforated upper layer of non-woven fabric. An intermediate layer with active carbon. A perforated latex lower layer.

34 → 47



10x1

SINGER **ACCSEMELLE**

Removable and antistatic sole. Fast drying. Foot arch support. Reduces shocks with PU and energy absorbing heel.

36 → 47



10x5

SINGER **ACCLAC**

Pair of laces. Textile material. Length: 130 cm. Colour grey/black. Polybag of 10 pairs.



x10

SINGER **ACCBARY**

Pair of laces. Textile material. Length: 130 cm. Colour red. Polybag of 72 pairs.



x72

SINGER



FOLDABLE COMFORT PARTICULATE RESPIRATORS HORIZONTAL FOLD FLAT - 3 PANELS DESIGN

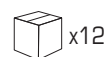
3 panels design. Large volume and exhalation valve improving the breathing of the user and decreasing the fatigue at work. Foldable design and easy carry/storage. Comfort and safety improved thanks to the ideal concept of this equipment. Latex free double elastic band. Adjustable invisible nosepiece to minimize leakage but maximize comfort. Smooth lining in polypropylene. Attractive and convenient dispenser boxes of 20 pieces. Individually hygienically packed. Passes EN 149 optional Dolomite (symbol « D ») clogging test for more comfortable breathing and high reliability. Approved to EN 149 standard.



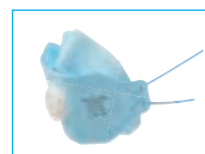
AUUMP10V

Box of 20 pieces.

FFP1 NR D



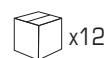
SINGER



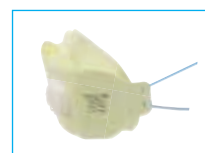
AUUMP20V

Box of 20 pieces.

FFP2 NR D



SINGER



AUUMP30V

Box of 20 pieces.

FFP3 NR D



SINGER

CLASSIC FOLDABLE PARTICULATE RESPIRATORS - HORIZONTAL FOLD-FLAT

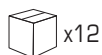
Latex free; nosepiece without metal, no metal used (avoid skin irritations). Continuous loop headstrap design allows to hang the mask around the neck when not in use. The unique shape of the respirators, pre-shaped, prevent from using metal nosepiece. Optional Dolomite («D» symbol) clogging test for more comfortable breathing. Approved to EN 149 standard.



AUUMP100SL

Box of 20 pieces.

FPP1 NR D



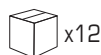
SINGER



AUUMP200VSL

With exhalation valve. Makes breathing easier. Box of 20 pieces.

FPP2 NR D



SINGER



AUUMP300VSL

With exhalation valve. Makes breathing easier. Box of 20 pieces.

FPP3 NR D



SINGER

CLASSIC FOLDABLE PARTICULATE RESPIRATOR - VERTICAL FOLD-FLAT

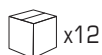
Patented headstrap buckle to adjust length of headstrap for various facial sizes. Cool latex-free textile braided headstrap for comfortable wearing. No staple used. Avoid contact between skin and metal. Continuous loop design allows to hang the mask around the neck when not in use. P.P. inner/outer layers provide smooth lining and a comfortable feel. Foldable design and easy carry/storage. Hygienic individual packaging. Boxes of 20 pieces. Approved to EN 149 standard.



AUUMP31V

With exhalation valve. Makes breathing easier. Box of 20 pieces.

FPP1 NR



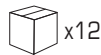
SINGER



AUUMP32V

With exhalation valve. Makes breathing easier. Box of 20 pieces.

FPP2 NR



SINGER



AUUMP33V

With exhalation valve. Makes breathing easier. Box of 20 pieces.

FPP3 NR



SINGER



COMFORT PARTICULATE RESPIRATORS

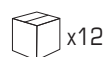
Patented headstrap buckle to adjust length of headstrap for various facial sizes. No metal used. Avoid contact between skin and metal and is suitable for those environments where metal is not allowed. Cool latex-free textile braided headstrap for comfortable wearing. Continuous loop headstrap design allows to hang the mask around the neck when not in use. Polypropylene (P.P.) inner layer provides the most intimate touch to your face. Pre-shaped nose cushion and soft closed-cell nose foam ensures a custom shape that increases worker comfort and acceptance. Embossed fringe seal avoids fluffy open layer around the edges. Contour design ensures the compatibility of spectacles/goggles and reduces fogging. Approved to EN 149 optional Dolomite (D) clogging test for more comfortable breathing.



AUUM21V

With exhalation valve. Box of 10 pieces.

FPP1 NR D



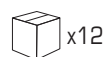
SINGER



AUUM22V

With exhalation valve. Box of 10 pieces.

FPP2 NR D



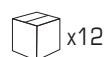
SINGER



AUUM23V

With exhalation valve. Box of 10 pieces.

FPP3 NR D



SINGER

PARTICULATE RESPIRATORS

Face-piece respirators. Filters solid and liquid aerosols. Moulded series. Approved to EN 149 standard.

Approved to EN 149 optional Dolomite (D) clogging test for more comfortable breathing. Soft nose foam and adjustable nosepiece ensures custom shape and increases worker comfort and acceptance.

AUUM10SL

Box of 20 pieces.

FPP1 NR D



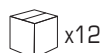
SINGER



AUUM10VSL

With exhalation valve. Box of 10 pieces.

FPP1 NR D



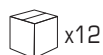
SINGER



AUUM20SL

Box of 20 pieces.

FPP2 NR D



SINGER



AUUM20VSL

With exhalation valve. Box of 10 pieces.

FPP2 NR D



SINGER



AUUM30VSL

With exhalation valve. Adjustable buckles. Facial foam.

Box of 5 pieces

FPP3 NR D



SINGER





PARTICULATE RESPIRATORS

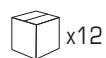
Latex free. The unique shape of the respirators, pre-shaped, prevent from using metal nosepiece. Optional Dolomite («D» symbol) clogging test for more comfortable breathing. Approved to EN 149 standard.



AUUMEC10

Box of 20 pieces.

FPP1 NR D



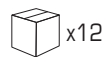
Prosur



AUUMEC20V

With exhalation valve. Box of 10 pieces.

FPP2 NR D



Prosur

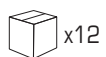


AUUMEC30V

With exhalation valve. Metal free (avoid skin irritations). Continuous loop headstrap design allows to hang the mask around the neck when not in use.

Box of 10 pieces.

FPP3 NR D



Prosur

**AUUM3RB**

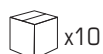
Comfort & hygienic non woven mask, 3 ply. Display box of 50 pieces.

**SINGER** **AUUMASQUE**

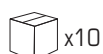
Hygienic non woven mask. Metal nosepiece. Elastic headband on ears. Box of 50 pieces

**Prosur****AUUCRTBLANC**

Non woven polypropylene clip round cap with elastic. White colour. Polybag of 100 pieces.

**Prosur****AUUCRTCLIP**

Non woven polypropylene clip round cap with elastic. White colour. Polybag of 100 pieces.

**Prosur**



[LONG
WRIST]



AUU5000

Nitrile. AQL 1,5. Powder free. Not sterile. Rolled cuff.
Ambidextrous. Thickness: 0,16mm (*). Length: 295mm (*).
Display box of 100 gloves.



6/7(S), 7/8 (M),
8/9(L), 9/10(XL)

SINGER



[LONG
WRIST]



AUU5010

Nitrile. AQL 1,5. Powder free. Not sterile. Rolled cuff.
Ambidextrous. Food contact (**).
Thickness: 0,14mm (*). Length: 300mm (*). Display box of 100 gloves.



6/7(S), 7/8 (M),
8/9(L), 9/10(XL)

SINGER



AUU4010

Nitrile. AQL 1,5. Powder free. Non sterile. Rolled cuff.
Ambidextrous. Food contact (**).
Thickness: 0,12mm (*). Length: 245mm (*). Display box of 100 gloves.



6/7(S), 7/8 (M), 8/9(L),
9/10(XL), 10/11(XXL)

SINGER



AUUNIT

Nitrile. AQL 1,5. Powder free. Non sterile. Rolled cuff.
Ambidextrous. Thickness: 0,08mm (*). Length: 240mm (*).
Display box of 100 gloves.



6/7(S), 7/8 (M),
8/9(L), 9/10(XL)

Prosur

AUU1010

Latex. AQL 1,5. Powder free. No sterile. Rolled cuff.
 Ambidextrous. Thickness: 0,14mm (*). Length: 245mm (*).
 Display box of 100 gloves.



x10



6/7(S), 7/8 (M),
8/9(L), 9/10(XL)

SINGER **AUULAT**

Latex. AQL 1,5. Lightly powdered. No sterile. Rolled cuff.
 Ambidextrous. Thickness: 0,10mm (*). Length: 240mm (*).
 Display box of 100 gloves.



x10



6/7(S), 7/8 (M),
8/9(L), 9/10(XL)

Prosur**AUU2000**

Vinyl. AQL 2,5. Lightly powdered. No sterile. Rolled cuff.
 Ambidextrous. Thickness: 0,06mm (*). Length: 240mm (*).
 Display box of 100 gloves.



x10



6/7(S), 7/8 (M),
8/9(L), 9/10(XL)

SINGER **AUU3000**

Polyethylene. Polybag of 100 gloves.



x100



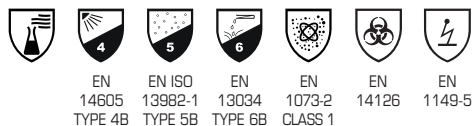
One size only

Prosur

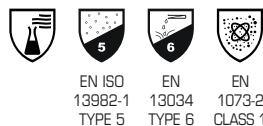
(*) Average values - (**) According to French standards

**PLY600**

Chemical protective coverall. MICROPOROUS polypropylene non woven fabric. 65 gms. Waterproof seams with thermo-adhesive tape.
3 panels hood. Front zip fastening under flap with self adhesive tape closure. Elasticated waist, wrist and ankle.
Under individual polybag. White colour.

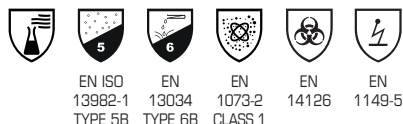
**SINGER****PLY500**

Chemical protective coverall. Non-woven SMS fabric. 55 gms. Waterproof seams with thermo-adhesive tape.
3 panels hood. Front zip fastening under large flap with self adhesive tape closure. Elasticated waist, wrist and ankle.
Under individual polybag. White colour.

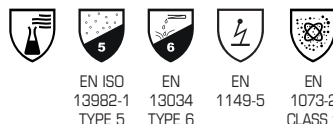
**SINGER**

**PLYULTI**

Chemical protective coverall. MICROPOROUS polypropylene non woven fabric. 65 gms. Serged seams. 3 panels hood. Front zip fastening under large flap with self adhesive tape closure. Elasticated waist, wrist and ankle. Under individual polybag. White colour.

**SINGER****PLY56**

Chemical protective coverall. Non woven SMS fabric. 55 gms. Serged seams. 3 panels hood. Front zip fastening under large flap with self adhesive tape closure. Elasticated waist, wrist and ankle. Under individual polybag. White colour.

**SINGER**

**PLYCBC**

«Minor risk» coverall. Polypropylene non woven. 35 gsm.
2 panels hood. Front zipper. Elasticated waist, wrist and ankle.
Under individual polybag. White colour



x50



L → 2XL

**PLYCBCLE**

«Minor risk» coverall. Polypropylene non woven. 35 gsm.
2 panels hood. Front zipper. Elasticated waist, wrist and ankle.
Under individual polybag. Blue colour



x50



L → 2XL



**KITAGRI**

This kit is designed for the use of some chemicals in agricultural environment.

- 1 chemical protective coverall PLY600, size XL.
- 1 safety google EVARIO.
- 1 pair of nitrile glove NIT2018, size 10.
- 1 half-mask DM756C.
- 2 filters 755A2P3.
- 1 zipped bag 35 x 45 cm.

 8x1  One size only

KITAMIANTE

This kit is designed for quick works in asbestos environment, without projection and not directly related to asbestos.




- 1 chemical protective coverall PLY500, size XL.
- 1 safety google EVAMAS.
- 1 pair of nitrile glove NIT15, size 10.
- 1 pair of overshoes AUUBOTTE2.
- 1 classic foldable half-mask AUUMP300VSL (FFP3 NR D).
- 1 scotch tape roll 5 x 330 cm.
- 1 waste bag with marking «ASBESTOS», 90 x 110 cm.

 8x1  One size only

**AUUTABLIER**

Clean polyethylene apron with bib, slightly embossed. 125 x 81 cm. Polybag of 100 pieces.






 x10  One size only 

**AUUBLOUSE**

Clear polyethylene coat with hood and plastic press studs. Under individual polybag. Bundle of 100 pieces.






 4x1  One size only 

**PLYBLOUSE**

Non woven polypropylene lab coat. Plastic press studs fastening. 2 pockets. Under individual polybag.



 x50  L → 2XL 

**AUUMTE**

Clear polyethylene sleeves. 40 cm.
Elastic at both ends.
Polybag of 1000 pieces.

**AUUMTEBLE**

Blue polyethylene sleeves. 40 cm. Elastic at both ends.
Polybag of 1000 pieces.

**AUUCHA**

Blue clean polyethylene shoe cover. Elasticated ankle.
Polybag of 1000 pieces.



One size only

**AUUCHA2**

White non woven polypropylene shoe cover. Reinforced blue polyethylene sole. Elasticated ankle. Polybag of 50 pieces.



One size only

**AUUBOTTE**

Clear single use polyethylene bootcover.
Elasticated ankle. Per 500 pieces.



One size only

**AUUBOTTE2**

Polypropylene single use bootcover. Anti-slip PVC sole. White color. Elastic ankle. Per 500 pieces.



One size only



EN ISO 11611/
2015



CLASSE 1
A1+A2

EN ISO 11811
2015



A1+A2





The manufacturers and distributors of PPE (Personal Protective Equipment)

They are subject to the new PPE 2016/425 regulation. The Regulation sets out the different categories of PPE, the certification procedures and in a regulatory manner the essential requirements and rules they have to comply to be put into circulation.

The Regulation also lays down the obligations of all the economic operators (manufacturers, authorised representative, importers and distributors) and lays down the rules for the assessment of notified bodies.

Employers

They are subjected to the 89/656/CEE directive dated November 30th, 1989 regarding the minimal prescriptions of safety and health for the needs by the workers at the work of personal protective equipments. The directive retails the obligation for employers to supply personal protective equipments when risks cannot be avoided by other ways

« techniques of collective protection, or by measure, methods or procedures of work of organization ».

This responsibility is reminded in the labour code article R.4321-4 « The employer shall provide workers, when it is necessary, appropriate PPE, and in case of particularly dirty or unsanitary works, appropriate work clothes. It ensure their effective use ».

Employees and users of PPE

Employees are not immune from regulation.

The regulation reminds them of the obligation to protect themselves: article L.4122-1:

« It is the responsibility of every worker to take care, according to his training, his possibilities, his health and his safety ».

From the facturer of PPE to the end-user through the employer, each player is empowered.

STAGE PRIOR TO PROTECTION: ANALYSIS OF RISKS AND PREVENTION.

Defining the concept of a risk

The risk is linked with concepts of danger and probability.

The risk is a real and potential threat for the health and/or the safety of the person.

Method of risk management: collective protection and prevention.

Identifying the foreseeable risks:

- If possible, eliminate the risks, but if it is not possible:
- Isolate the risks (or move people away) to decrease their foreseeable harmful effect
- Announce (with panels, warnings) and inform people of the risks (knowing the risks is the best way of protecting oneself against them!)
- Plan staff training on the measures to be taken in the event of an emergency: first aid plan.

When all the means of collective protection and prevention have been exhausted, personal protective equipment (PPE) is to be used.

PPE DEFINITION



The European regulation 2016/425 gives us the following definition: Equipment designed and manufactured to be worn or held by a person for her protection against one or several risks
(An interchangeable component or a connexion system for equipment is also a PPE)

Category I

Category I includes exclusively the following minimal risks:

- superficial mechanical injury
- contact with cleaning materials of weak action
- prolonged contact with water
- contact with hot surfaces (< 50°C)
- damage to the eyes due to exposure to sunlight (other than during observation of the sun)
- atmospheric conditions (not of an extreme nature)

The products shall be subject to the internal production control (module A) set out in Annex IV.

Category II

These are the PPE which don't belong neither to the category I nor to the category II. The products shall be subject to EU-type examination (module B) set out in Annex V, followed by conformity to type based on internal production control (module C) set out in Annex VI.

Category III

It includes exclusively the risks that may cause very serious consequences such as death or irreversible damage to health relating to the following:

- substances and mixtures which are hazardous to health
- atmospheres with oxygen deficiency
- harmful biological agent: ionising radiation
- high-temperature environments the effects of which are comparable to those of an air temperature $\geq 100^{\circ}\text{C}$
- low-temperature environments the effects of which are comparable to those of an air temperature of $\leq -50^{\circ}\text{C}$
- falling from a height
- electric shock and live working
- drowning
- cuts by hand-held chain-saws
- high-pressure jets
- bullet wounds or knife stabs
- harmful noise

The products shall be subject to an EU-type examination (module B) set out in Annex V, and either of the following:

- conformity to type based on internal production control plus supervised product checks at random intervals (module C2) set out in Annex VII,
- conformity to type based on quality assurance of the production process (module D) set out in Annex VIII.

Note

Clothing intended for private use with reflective or fluorescent elements included for reasons of design or decoration is not personal protective equipment. The products for private use against atmospheric conditions which are not of extreme nature are not PPE (moisture, water ...). But products for private use which provide protection against heat are now PPE (oven gloves...)

**PPE and European Standards**

The regulation (EU) 2016/425 does not have the function to define protection standards; it refers for products to standards developed by the E.C.S (European Committee for Standardization).

What is a standard?

A standard is a set of technical rules which define the essential and relevant characteristics of a product (or a method) established in order to guarantee its quality, functioning or resistance.

Why a standard?

The standard has the advantage of giving the possibility to standardize, to harmonize and to compare. It is consequently easier for the consumer to make his choice; it improves his security and his confidence into the product.

Is it compulsory?

According to the reglementation the standard can be compulsory and restricting or it can comes in complement of the general requirements to bring additional security to the user.

General remarks:

Standards as well as all general information presented in this document are not exhaustive and may change at any time. They are given for information purpose and cannot engage our responsibility in any case. If necessary, it is up to the reader of this catalogue to obtain useful and official documents in order to check the exact content of each standard.

MARKING OF OCULAR

2-1,2 SINGER 1 FT 8 0 CE

▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼
A B C D E F G H

A	Filter code number
B	Filter protection class
C	Identification of the manufacturer
D	Optical class
E	Mechanical strength
F	Field of use
G	Optional requirements
H	European conformity

MARKING OF FRAMES

SINGER EN166 4 S H CE

▼ ▼ ▼ ▼ ▼ ▼
A B C D E F

A	Identification of the manufacturer
B	Standard number
C	Field of use*
D	Mechanical strength
E	Optional requirements (only H)
F	European conformity

STANDARDS

EN 165	Personal eye-protection: vocabulary.
EN 166	Personal eye-protection: specifications.
EN 167	Personal eye-protection: optical test methods.
EN 168	Personal eye-protection: non optical test methods.
EN 169	Personal eye-protection: filters for welding and related techniques.
EN 170	Personal eye-protection: ultraviolet filters.
EN 171	Personal eye-protection: infrared filters.
EN 172	Personal eye-protection: sunglare filters for industrial use.
EN 175	Personal eye and face-protection: welding and allied processes.
EN ISO 12312-1	Personal eye and face-protection. «Minor risks». Sunglasses and related eyewear.

FILTER CODE NUMBER

No number	Welding filters
2	Ultraviolet filters (UV)
2C or 3	UV filters (good colour perception)
4	Infrared filters (IR)
5	Sunglare filters without specification in IR
6	Sunglare filters with specification in IR

FILTER PROTECTION CLASS

1,1 to 1,2	Indoor use - clear protection
1,4 to 2	Versatile use - slightly tinted protection
2,5 to 3,1	Outdoor use - strongly tinted protection
1,2 to 16	Filters for welding and related techniques

OPTICAL CLASS

1	Continuous work (best quality)
2	Intermittent work
3	Occasional work

MECHANICAL STRENGTH

No symbol	Minimum robustness
S	Increased robustness
F	Low energy impact
B	Medium energy impact
A	High energy impact

Symbol T is used in conjunction with either F, B or A. It indicates that the particles are launched at extremes of temperature.

FIELD OF USE

No symbol	Basic use
3	Liquids
4	Large dust particles
5	Gas and fine dust particles
8	Short circuit electric arc
9	Molten metal and hot solids

OPTIONAL REQUIREMENTS

Anti-fog treatment ***	N
Anti-scratch treatment ***	K
Original ocular ***	O
Replacement ocular ***	▽
Enhanced reflectance in IR ***	R
Designed to fit a small head **	H

(*) Unapplicable to spectacles - (**) Marking of frame only - (***) Marking of ocular only

STANDARDS

EN 397	Industrial safety helmet.
EN 50365	Electrically insulating helmets for use on low voltage installations.
EN 13087-1 à 10	Protective helmets: test methods.
EN 812	Industrial bump caps.
EN 14052	High performance industrial safety helmets.
EN 443	Helmets for firefighters.

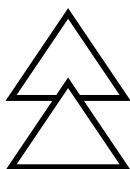
EN 397 - INDUSTRIAL SAFETY HELMET

Obligatory requirements	<ul style="list-style-type: none"> - Shock absorption - Penetration resistance - Flame-resistance - Chin-strap anchorage points
Optional requirements	Optional additional requirements are applicable only when specifically demanded by the manufacturer of the helmet.

EN 443 - HELMETS FOR FIREFIGHTERS

Specifies the main required characteristics for such an firefighter and assistance helmet. It takes into account protection level, confort and life span of the helmet. It allows options to take into consideration particular national requirements.

EN 50365 - ELECTRICALLY INSULATING HELMETS



For staff working on or near energized parts facilities not exceeding 1000 V AC or 1500 V DC (Class 0). These equipments, combined with other protections, should avoid dangerous currents to cross through the head.

EN 812 - INDUSTRIAL BUMP CAPS

This standard specifies the physical and performance requirements, the testing methods and the marking requirements of the bump caps for industry. The bump caps for industry are intended to protect the wearer when he hits his head against hard and stationary objects with sufficient force to cause lacerations or other superficial injuries.

They are not intended to protect from the effects of projections or the falling of suspended or moving objects or loads.

One should not confuse the bump caps for industry with the protection helmets for industry specified in EN 397.



STANDARDS

EN 352-1	Hearing protectors. Part 1: Ear-muffs.
EN 352-2	Hearing protectors. Part 2: Ear-plugs.
EN 352-3	Hearing protectors. Part 3: Ears-muffs mounted on helmet (EN 397).

DAILY MAXIMUM EXPOSURE TIME

80 dB	8 hours
83 dB	4 hours
86 dB	2 hours
89 dB	1 hour
92 dB	30 minutes
95 dB	15 minutes
98 dB	7 minutes and 30 seconds

EN 352-1 - EARS-MUFFS

This standard specifies the requirements in field of construction, conception, performance and printing of ears-muffs as well as information for end-user. It stipulates particularly the acoustic fading of ears-muffs in conformity with the EN 24869-1.

This standard does not apply to ear-muffs to be mounted on safety helmets or integrated to helmets.

EN 352-2 - EARS-PLUGS

This standard specifies the requirements in field of construction, conception, performance and printing of ears-plugs as well as information for end-user. It stipulates particularly the acoustic fading of ears-plugs in conformity with EN 24869-1 standard.

EN 352-3 - EARS-MUFFS MOUNTED ON HELMET

This standard specifies the requirements for the construction, conception, performance and printing of ears-muffs mounted on safety industrial helmets in conformity with EN 397 standard as well as information for end-user. It stipulates particularly the acoustic fading of ears-muffs mounted on industrial helmets in conformity with EN 24869-1. As a same ear-muff can be mounted on different models or sizes of industrial safety helmets, the current part of standard specifies many physics and acoustic requirement depending the models or the helmetsize ear-muffs are mounted on. Requirements apply totally to the basic combination, that is to say helmet and ear-muffs mounted on one model or on one of the specified size of helmets. Requirements apply partially only to the additional combination, that is to say ear-muffs of the same model but attached on other helmets or sizes than the specified ones.





STANDARDS

EN 136	Respiratory protective devices: full face masks.
EN 140	Respiratory protective devices: half-masks and quarter-masks.
EN 143	Respiratory protective devices: filters against particles.
EN 14387	Respiratory protective devices: gas filters and combined filters.
EN 149	Protection respirator devices: filtering half-mask against particles.

EN 14387 - FILTER TYPE

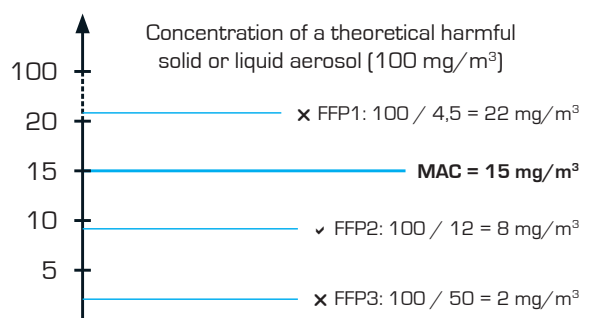
A (Brown)	Against gas and organic vapours with a boiling point superior to 65°C specified by the manufacturer
B (Grey)	Against certain gas and inorganic vapours specified by the manufacturer
E (Yellow)	Against sulphur dioxide, other gas, acid and vapours specified by the manufacturer
K (Green)	Against ammonia and organic derivatives of ammonia specified by the manufacturer

EN 143 - FILTER CLASS

P1	Small capacity
P2	Medium capacity
P3	Large capacity
Classes are listed after the type of environment	

EN 149 - FIELD OF USE

FFP1	Protection against non toxic solid and liquid aerosols. Concentrations: up to 4,5 x MAC or 4 x APF.
FFP2	Protection against non toxic and low-to-average toxicity solid and liquid aerosols. Concentrations: up to 12 x MAC or 10 x APF.
FFP3	Protection against non-toxic, low-to-average toxicity and high toxicity solid and liquid aerosols. Concentrations: up to 50 x MAC or 20 x APF.



In this situation, FFP2 mask is the most suitable. FFP1 mask doesn't provide enough protection while the FFP3 mask overprotects the user.

MAC = Maximum Admissible Concentration.

This is the limit value of a gas or a dust (in ppm or mg/m³) that a person can be exposed during a working day (8h/day) throughout all his professional life, without risk for his health.

APF = Assigned Protection Factor..

EN 149 - USE DURATION


NR	Solo use
R	Reusable (more than one working day)
D	Improved breathing capacity and lifetime (clogging test with dolomite dust) Low increase of respiratory resistance when the filter is loaded in particle

STANDARDS	
EN 420 + A1	Protective gloves: general requirements and test methods.
EN 388	Protective gloves: against mechanical risks.
EN 374-1	Protective gloves: against dangerous chemicals and micro-organisms - terminology and performance requirements.
EN 374-2	Protective gloves: against dangerous chemicals and micro-organisms - penetration resistance.
EN 16523-1	Protective gloves: material resistance to permeation by chemicals.
EN 374-4	Protective gloves: degradation resistance by chemicals.
EN 374-5	Protective gloves: against micro-organisms (according to EN 374-2: 2014).
EN 407	Protective gloves: against thermal risks (heat and/or fire).
EN 12477+ A1	Protective gloves: for welders.
EN 381-7	Protective gloves: against hand-held chain saws.
EN 511	Protective gloves: against cold.
EN 16350	Protective gloves: electrostatic properties.
EN ISO 10819	Protective gloves: vibrations and mechanical shocks.
EN 60903	Protective gloves: for electrical works.

EN 420: 2003 + A1 2009 - PROTECTIVE GLOVES


General requirements and test methods.
This standard specifies the essential requirements for ergonomics,
safety, marking, information and instructions for use.

EN 388 - AGAINST MECHANICAL RISKS


 1.2.3.4.F.P	1	Abrasion resistance. Level 1 to 4 (4 being the best).
	2	Blade cut resistance. Level 1 to 5 (5 being the best).
	3	Tear resistance. Level 1 to 4 (4 being the best).
	4	Puncture resistance. Level 1 to 4 (4 being the best).
	F	Cut resistance (ISO13997) Level A to F (F being the best).
	P	Resistance against impact (according to EN 13594) Marking P (optional test).

For gloves that contain materials which can get dull to the blade,
and additional compulsory test must be performed according
to EN ISO 13997 test method (TDM 100 tester).
This test may also be optional for gloves that do not dull the blade.

EN 511 - AGAINST THE COLD

 A.B.C	A	Convective cold. Level 0 to 4 (4 being the best).
	B	Contact cold. Level 0 to 4 (4 being the best).
	C	Waterproofness. Level 0 (No) or 1 (Yes).

EN 407 - AGAINST THERMAL RISKS (HEAT AND/OR FIRE)

 A.B.C.D.E.F	A	Burning behaviour. Level 1 to 4 (4 being the best).
	B	Contact heat (threshold time ≥ 15 s). Level 1 to 4 (4 being the best).
	C	Convective heat. Level 1 to 4 (4 being the best).
	D	Radiant heat. Level 1 to 4 (4 being the best).
	E	Small splashes of molten metal. Level 1 to 4 (4 being the best).
	F	Large splashes of molten metal. Level 1 to 4 (4 being the best).

EN 12477 + A1 - FOR WELDERS

Type A	More general welding and cutting operations
Type B	Higher dexterity for TIG welding

EN 374 - AGAINST CHEMICALS

Type A

Breakthrough time ≥ 30 min for at least 6 chemicals of the list (see below)

Type B

Breakthrough time ≥ 30 min for at least 3 chemicals of the list (see below)

Type C

Breakthrough time ≥ 10 min for at least 1 chemical of the list (see below)

A	Methanol	67-56-1	Primary alcohol
B	Acetone	67-64-1	Ketone
C	Acetonitrile	75-05-8	Nitrile composite
D	Dichloromethane	75-09-2	Chlorinated hydrocarbon
E	Carbone Disulphide	75-15-0	Organic compound containing Sulphur
F	Toluene	108-88-3	Aromatic hydrocarbon
G	Diethylamine	109-89-7	Amine
H	Tetrahydrofuranne	109-99-9	Heterocyclic Ether
I	Ethyl acetate	141-78-6	Ester
J	n-Heptane	142-82-5	Saturated Hydrocarbon
K	Sodium hydroxide 40%	1310-73-2	Inorganic base
L	Sulphuric acid 96%	7664-93-9	Inorganic mineral acid, oxidising
M	nitric acid (65% \pm 3) %	7697-37-2	Inorganic mineral acid
N	acetic acid (99% \pm 1) %	64-19-7	Organic acid
O	ammonia 25%	1336-21-6	Organic base
P	hydrogen peroxid 30%	7722-84-1	Peroxide
S	hydrofluoric acid 40%	7664-39-3	Inorganic mineral acid
T	formaldehyde 37%	50-00-0	Aldehyde
Class 1		Breakthrough time: > 10 minutes	
Class 2		Breakthrough time: > 30 minutes	
Class 3		Breakthrough time: > 60 minutes	
Class 4		Breakthrough time: > 120 minutes	
Class 5		Breakthrough time: > 240 minutes	
Class 6		Breakthrough time: > 480 minutes	

EN 374-5 - AGAINST MICRO-ORGANISMS

Protection against bacteria and fungi

VIRUS = with additional permeation test to virus (ISO16604)

EN 381-7 - AGAINST HAND-HELD CHAIN SAWS.

Class 0

Resistance against a saw turning at 16 m/s

Class 1

Resistance against a saw turning at 20 m/s

Class 2

Resistance against a saw turning at 24 m/s

Class 3

Resistance against a saw turning at 28 m/s

Model A or B depending on the specified protection area

EN 16350 - ELECTROSTATIC PROPERTIES

Each individual measurement shall satisfy:
the vertical resistance requirement: $R_v < 1,0 \times 10^9 \Omega$.
Test method according to EN 1149-2: 1997.

EN 60903 - MAXIMAL TENSION OF USE

AC

DC

Class

750 V

500 V

00

1 500 V

1 000 V

0

11 250 V

7 500 V

1

25 500 V

17 000 V

2

39 750 V

26 500 V

3

54 000 V

36 000 V

4

EN ISO 10819 - VIBRATION AND MECHANICAL SHOCKS

Hand-arm vibration. Measurement and evaluation
of the vibration transmissibility from gloves to the palm of the hand.



Acetamide	👍	👍👍	👍👍👍	👍👍
Acetic acid (50%)	👍👍👍	👍👍👍	👍	👍👍👍
Acetone	👍	👍	-	-
Acrylonitrile	👍👍	👍	-	-
Ammonia	👍👍👍	👍👍👍	👍👍	👍👍👍
Ammonium acetate	👍👍👍	👍👍👍	👍👍👍	👍👍👍
Ammonium nitrate	👍👍	👍👍👍	👍👍👍	👍👍👍
Ammonium carbonate	👍👍👍	👍👍👍	👍👍👍	👍👍👍
Ammonium chloride	👍👍👍	👍👍👍	👍👍👍	👍👍👍
Amyl acetate	👍	👍	👍👍	-
Amyl alcohol	👍	👍👍	👍👍	👍
Aniline	👍	👍👍	-	-
Asphalt	-	👍	👍👍👍	👍
Benzaldehyde	-	👍	👍	-
Benzene	-	-	👍	-
Benzyl alcohol	👍	👍👍	👍	-
Bleach	👍👍	👍👍👍	👍👍👍	👍👍
Borax	👍👍👍	👍👍👍	👍👍👍	👍👍👍
Bromides	👍	👍👍	👍	-
Butyl acetate	-	👍	👍👍	-
Butyl alcohol (n-butanol)	👍👍	👍👍👍	👍👍👍	👍👍
Calcium chloride	👍👍👍	👍👍👍	👍👍👍	👍👍👍
Calcium hydroxide	👍👍👍	👍👍👍	👍👍👍	👍👍👍
Calcium hypochlorite	👍👍👍	👍👍👍	👍👍👍	👍👍👍
Calcium nitrate	👍👍👍	👍👍👍	👍👍👍	👍👍👍
Calcium phosphate	👍👍👍	👍👍👍	👍👍👍	👍👍👍
Carbon bisulfide	-	-	👍👍👍	-
Carbon tetrachloride	-	-	👍👍	-
Chlorine	👍	👍👍	👍	👍👍👍
Chloroacetone	👍👍	👍👍	-	-
Chlorobenzene	-	-	-	-
Chloroform	-	-	👍	-
Chromic acid	-	👍	👍	👍👍
Citric acid	👍👍👍	👍👍👍	👍👍👍	👍👍👍
Concentrated soda	👍👍👍	👍👍👍	👍	👍👍👍
Concentrated sulfuric acid	👍	👍👍	👍	👍👍
Cresol	👍	👍👍	👍👍	👍
Creosote	-	👍	👍👍👍	👍👍
Cyclohexane	-	👍👍	👍👍👍	👍👍
Cyclohexanol	👍👍	👍👍	👍👍	-
Cyclohexanone	👍👍	👍	-	-

Diacetone alcohol	👍👍	👍👍	👍	-
Dibutyl ether	-	👍	👍👍	-
Dibutyl phthalate	👍	👍👍👍	👍👍👍	-
Dichloroethane	-	👍	👍	-
Diethanolamine	👍👍👍	👍👍👍	👍👍👍	👍👍
Diethylamine	-	-	👍	-
Diisobutyl ketone	👍	👍	👍👍👍	👍
Diluted sulfuric acid	👍👍👍	👍👍👍	👍👍👍	👍👍👍
Ethanal (acetaldehyde)	👍👍	👍👍	-	-
Ethanol (ethyl alcohol)	👍	👍👍	👍👍	👍👍
2-Ethoxyethanol	👍	👍👍👍	👍👍👍	👍👍
2-Ethoxyethyl acetate	-	👍👍👍	👍	-
Ethyl acetate	-	👍	👍👍	-
Ethylamine	-	👍	-	-
Ethylaniline	👍	👍👍	👍👍	👍👍
Ethylene glycol	👍👍	👍👍👍	👍👍👍	👍👍👍
Fluorides	👍	👍👍	👍	👍
Formaldehyde (30%)	👍👍👍	👍👍👍	👍👍👍	👍👍👍
Furol (furfural or furaldehyde)	👍👍	👍👍👍	-	-
Gasoline (engine)	-	👍	👍👍👍	👍
Glacial acetic acid	👍👍	👍👍	-	👍
Glycerin	👍👍👍	👍👍👍	👍👍👍	👍👍👍
Glycols	-	👍👍	👍👍	👍
Hexane	-	👍👍	👍👍	👍
Hydrobromic acid	👍👍👍	👍	👍	👍
Hydrochloric acid (30% and 5%)	👍👍👍	👍👍👍	👍👍👍	👍👍👍
Hydrofluoric acid (30%)	👍👍	👍👍👍	👍👍	👍👍👍
Isobutyl alcohol (isobutanol)	👍👍	👍👍👍	👍👍👍	👍👍
Isobutyl ketone	👍👍👍	👍👍	-	-
Isopropyl alcohol	👍👍👍	👍👍👍	👍👍👍	👍👍
Lactic acid (85%)	👍👍	👍👍👍	👍👍	👍👍
Lauric acid	👍	👍👍👍	👍👍👍	👍👍
Linoleic acid	👍	👍👍👍	👍👍👍	👍👍
Magnesium carbonate (magnesia)	👍👍👍	👍👍👍	👍👍👍	👍👍👍
Maleic acid	👍👍👍	👍👍👍	👍👍👍	👍👍
Methanal (30%)	👍👍👍	👍👍👍	👍👍👍	👍👍👍
Methanoic acid (90%)	👍👍	👍👍👍	👍	👍👍👍
2-methoxyethanol	👍	👍👍👍	👍👍👍	👍👍
Methyl acetate	👍	👍	👍👍	-
Methyl alcohol (methanol)	👍	👍👍	👍👍👍	👍👍
Methylamine	👍👍	👍👍👍	👍👍👍	👍👍👍

Methylaniline	-	👍	👎	👍👍
Methylene chloride	-	👍	👎	-
Methyl ethyl ketone	👍👍	👍	-	-
Methyl isobutyl ketone	👍👍	👍	-	-
Monochlorobenzene	-	👍	👎	-
Monoethanolamine	👍👍👍	👍👍👍	👍👍👍	👍👍
Naphtha (white spirit)	-	👍👍	👍👍👍	👍
Naphthalene	-	👍	👎	-
Nickel chloride	👍👍👍	👍👍👍	👍👍👍	👍👍
Nitric acid (20%)	👍👍	👍👍👍	👍	👍👍👍
Nitrobenzene	-	👍	-	-
Nitromethane	-	👍👍	-	-
Nitropropane	👍	👍	-	-
Octyl Alcohol (Octanol)	👍👍	👍👍👍	👍👍👍	👍👍
Oil	-	👍	👍👍👍	-
Oleic acid	👍👍	👍👍👍	👍👍👍	👍👍
Oxalic acid	👍👍👍	👍👍👍	👍👍👍	👍👍
Perchloroethylene	-	👍	👍	👍
Perchloric acid	👍	👍	👎	👍👍👍
Petroleum ether	-	👍	👍👍👍	-
Phenolic acid (Phenol)	👍	👍👍	👍	👍👍
Phosphoric acid (75%)	👍👍👍	👍👍👍	👍	👍👍👍
Phthalate bis	👍	👍👍👍	👍👍👍	-
Polyester resins	-	👍	👍	👍
Potassium acetate	👍👍👍	👍👍👍	👍👍👍	👍👍
Potassium bicarbonate	👍👍👍	👍👍👍	👍👍👍	👍👍
Potassium bichromate	👍	👍👍👍	👍👍👍	👍👍
Potassium carbonate	👍👍👍	👍👍👍	👍👍👍	👍👍
Potassium chloride	👍👍👍	👍👍👍	👍👍👍	👍👍
Potassium cyanide	👍👍👍	👍👍👍	👍👍👍	👍👍
Potassium hydroxide	👍👍👍	👍👍👍	👍👍👍	👍👍
Potassium nitrate	👍👍👍	👍👍👍	👍👍👍	👍👍
Potassium permanganate	👍👍👍	👍👍👍	👍👍👍	👍👍
Potassium phosphate	👍👍👍	👍👍👍	👍👍👍	👍👍
Potassium sulphate	👍👍👍	👍👍👍	👍👍👍	👍👍
Propyl acetate	👍👍	👍	👍	-
Propyl alcohol	👍👍	👍👍👍	👍👍👍	👍
Sodium bicarbonate	👍👍👍	👍👍👍	👍👍👍	👍👍
Sodium bisulfite	👍👍👍	👍👍👍	👍👍👍	👍👍
Sodium carbonate	👍👍👍	👍👍👍	👍👍👍	👍👍
Sodium chloride	👍👍👍	👍👍👍	👍👍👍	👍👍

Sodium hydroxide	👍👍	👍👍	👍👍	👍👍
Sodium hypochlorite	👍👍	👍👍	👍👍	👍👍
Sodium nitrate	👍👍	👍👍	👍👍	👍👍
Sodium phosphate	👍👍	👍👍	👍👍	👍👍
Sodium sulphate	👍👍	👍👍	👍👍	👍👍
Silicates	👍👍	👍👍	👍👍	👍👍
Styrene	-	-	👎	-
Sulphites, bisulphites, hyposulphites	👍👍	👍👍	👍👍	👍👍
Tartaric acid	👍👍	👍👍	👍👍	👍👍
THF 1 Tetrahydrofuran	-	👍	-	👍
Tin chloride	👍	👍👍	👍👍	👍👍
Toluene	-	👍	👍	👍
Tributyl phosphate	-	👍	-	-
Trichlorethylene	-	👍	👎	-
Triethanolamine (85%)	👍👍	👍👍	👍👍	👍👍
Trinitrobenzene	-	👍	👍	👍
Trinitrotoluene	👍👍	👍👍	👍👍	👍
Triphenyl Phosphate	👍	👍	-	-
Vinyl acetate	-	👍	👎	-
Xylene	-	👍	👍	-
Xylophone	-	👍	👍	-
Zinc sulphate	👍👍	👍👍	👍👍	👍👍


	Latex
	Neoprene
	Nitrile
	PVC


👍👍👍	Excellent resistance. Extended use. In the limit of the passage time.
👍👍	Average resistance. Use in intermittent contact. Duration less than the passage time.
👍	Low resistance. Use against splashing.
-	Not recommended. Do not use gloves of this material.
Passage time: Duration for the chemical to pass from the external surface of the glove material to the other side of the material, according to the method of EN 374-3.	


This guide only provides general information on materials and can not engage the responsibility of Singer® Safety. The resistance of a glove depends on temperature, concentration of the chemical, the thickness of the glove, the immersion time, etc.

For your safety, testing should be performed prior to the use of gloves. Always read carefully the instructions enclosed the product and check compliance with EN 374 and the levels obtained from the chemical involved.

STANDARDS	
EN ISO 13688	Protective clothing: general requirements.
EN ISO 11611	Protective clothing: welding and allied processes.
EN ISO 11612	Protective clothing: against heat and flame.
EN 342	Protective clothing: against cold ($< -5^{\circ}\text{C}$).
EN 14058	Protective clothing: against cool environments ($> -5^{\circ}\text{C}$).
EN 343	Protective clothing: against bad weather.
EN ISO 20471	Protective clothing: high visibility.
EN 943 / EN 14605 / EN ISO 13982 / EN 13034	Protective clothing: against chemicals.
EN 14126	Protective clothing: against infective agents.
EN 1073-2	Protective clothing: against radioactive contamination.
EN 1149-5	Protective clothing: electrostatic properties.
EN ISO 14116	Protective clothing: against the flames, limited flame spread.
EN 14404	Knee protection: for work on knees.
EN 61482-1-2	Protective clothing: against the thermal hazards of an electric arc.


EN 14058 - AGAINST COOL ENVIRONMENTS		
 A B C D	A	Thermal resistance. Class 1 to 4 (4 being the best).
	B	Air permeability. Class 1 to 3 (3 being the best).
	C	Resulting thermal insulation. Optional test.
	D	Resistance to water penetration. Optional test.

EN 343 - AGAINST BAD WEATHER		
 A B	Class 1 to 3	Resistance to water penetration (class 3 being the best).
	Class 1 to 3	Evaporative resistance (class 3 being the best).

EN ISO 20471 - HIGH VISIBILITY		
 X	Class 1	Background material: $> 0,14 \text{ m}^2$ Retro-reflective material: $> 0,10 \text{ m}^2$ Combined performance material: $> 0,20 \text{ m}^2$
	Class 2	Background material: $> 0,50 \text{ m}^2$ Retro-reflective material: $> 0,13 \text{ m}^2$ Combined performance material: $- \text{m}^2$
	Class 3	Background material: $> 0,80 \text{ m}^2$ Retro-reflective material: $> 0,20 \text{ m}^2$ Combined performance material: $- \text{m}^2$
<p>The coefficient of retro-reflection of the retro-reflective material must be class 2 to comply with EN ISO 20471 (class 1 of previous EN 471 standard has been cancelled).</p> <p>«X» indicates the class of the garment according to the compulsory minimum area..</p>		




EN ISO 14116 - LIMITED FLAME SPREAD

	A	Index 1	- Limited flame spread. - Absence of burning debris. - Residual glow.
		Index 2	- Limited flame spread. - Absence of burning debris. - Residual glow. - No hole formations.
		Index 3	- Limited flame spread. - Absence of burning debris. - Residual glow. - No hole formations. - Limited persistence of flame.
	B	-	Number of washes.
	C	H	Home washing.
		I	Industrial washing.
		C	Chemical washing.
	D	-	Washing temperature.

If the materials can not be washed: BC/D = 0/0

The pictogram (see above) can be used only if the product has been tested to another standard of flame protection.

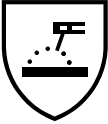
EN ISO 11612 - PROTECTION AGAINST HEAT AND FLAME

	A1 and/or A2	Limited flame spread.
	B1 to B3	Convective heat.
	C1 to C4	Radiant heat.
	D1 to D3	Molten aluminium splash.
	E1 to E3	Molten iron splash.
	F1 to F3	Contact heat.


This standard imposes a number of requirements in terms of product design (for example: the flap of the outer pockets must be larger than the pocket ...).

Each garment must bear the code letters A1 and / or A2 plus at least another code letter.

EN ISO 11611 - WELDING AND ALLIED PROCESSES.

	Class 1	Against minor risks: Less projections and a weak radiant heat.
	Class 2	Against important risks: More projections and a more important radiant heat.
	A1 or A2	Test method used for spreading of the flame, in conformity with the standard ISO 15024/2000.


EN 61482 - THERMAL HAZARDS OF AN ELECTRICAL ARC

	APC 1	Tested with an electrical arc of 4 000 amperes
	APC 2	Tested with an electrical arc of 7 000 amperes


Also, for each class, are checked:

- Absence of flame spread.
- Absence of heat transfer that can burn the user to the 2nd degree.
- Proper functioning of the EPI closure systems after the tests.

EN 14404 - KNEE PROTECTION

TYPE X  LEVEL X	Type 1	Protective portable knee pads.
	Type 2	Knee pads associated with clothing.
	Type 3	Carpet for knees.
	Type 4	Kneeling systems.
Level 0	Flat floors, no resistance to penetration required.	
Level 1	Flat floors, resistance to penetration of 100N.	
Level 2	Flat or irregular surfaces, resistance to penetration of 100N.	
Level 3	Flat or irregular surfaces under difficult conditions, resistance to penetration of 250N.	


EN 943, EN 14605, EN ISO 13982, EN 13034
AGAINST CHEMICALS

	Type 1	Gas tight.
	Type 2	Non gas tight.
	Type 3	Liquid tight connections.
	Type 4	Spray-tight connections.
	Type 5	Protection to the full body against airborne solid particulates.
	Type 6	Limited protection against liquid chemicals.


EN 14126 - AGAINST INFECTIVE AGENTS

	Performance requirements and tests methods for protective clothing against infective agents.
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EN 1073-2 - AGAINST RADIOACTIVE CONTAMINATION

	Requirements and test methods for non-ventilated protective clothing against particulate radioactive contamination.
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EN 1149-5 - ELECTROSTATIC PROPERTIES

	Electrostatic properties, part 5. Material performance and design requirements.
---	---



STANDARD	
EN 353-1	PPE against falls from a height: Fall arresters on a rigid anchorage line.
EN 353-2	PPE against falls from a height: Fall arresters on a flexible anchorage line.
EN 354	PPE against falls from a height: Lanyards.
EN 355	PPE against falls from a height: Energy absorber.
EN 358	PPE against falls from a height: Belts for work positioning and restraint and work positioning lanyards.
EN 360	PPE against falls from a height: Retractable type fall arresters.
EN 361	PPE against falls from a height: Full body harnesses.
EN 362	PPE against falls from a height: Connectors.
EN 363	PPE against falls from a height: Personal fall protection systems. General requirements for instructions for use, and marking.
EN 365	PPE against falls from a height: General requirements for instructions for use, and marking.
EN 795	PPE against falls from a height: Anchor devices.
EN 813	PPE against falls from a height: Sit harnesses.

EN 353-1 - FALL ARRESTERS ON A RIGID ANCHORAGE LINE



The fall arresters consist of a travelling device which moves along a rigid anchorage line (rail or wire) and blocks automatically the user in case of a fall.

> Static resistance:
Rigid anchorage line with settled mobile fall arrester and the lanyard:
Resist to 22 kN force at least.

> Dynamic performance (with a trial mass of 100 Kg):
- Braking force does not go over 6 kN.
- Stopping distance does not go over 1 m.

EN 353-2 - FALL ARRESTERS ON A FLEXIBLE ANCHORAGE LINE



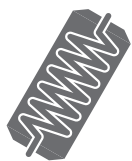
The fall arresters follows the user as he progresses and blocks him automatically in case of fall.

> Static resistance:
- Anchorage line (resist to a 22 kN force).
- Anchorage cable (resist to a 15 kN force).
> Dynamic performance (with a trial mass of 100 Kg):
- Braking force does not go over 6 kN.
- Stopping distance does not go over 3 m.

EN 354 - LANYARDS



Lanyards are connecting elements, they can include an energy absorber, which helps absorbing the impact of a fall. In this case, this element is covered by the standard EN 355.

EN 355 - ENERGY ABSORBER

Energy absorber is obligatorily used in situation where the user is exposed to fall risks. The lanyard has to dissipate the Energy developed during a fall from a height and to reduce the braking force to a no lesional level.

The Energy absorber is made up of a strap folded into a package. In the event of an impact, the package is torn open and the strap unfolds gradually. The anti-fall link is equipped with a connector that links the harness to the anchoring point. The connectors can be made directly with the lanyard or sold separately. They are covered by standard EN 362

- > Dynamic performance:
 - Braking force does not go over 6 kN.
 - Static preloading: 2kN
- > Static resistance:
 - Absorber (completely unfold) resist to 15 kN.

EN 358 - WORK POSITIONING BELTS AND LANYARD

The work positioning lanyard links the belt to the anchoring point (restraint), or to a surrounding structure to allow to free the hands (work positioning). The work positioning lanyard connects a belt at an anchor point (restraint), or a structure surrounding it, so to be able to let go of the hands (maintenance at work). In this case, use with a fall arrest system.

EN 360 - RETRACTABLE TYPE FALL ARRESTER

The retractable type fall arrester is equipped with a retractable lanyard, it ensures the automatic locking function in case of fall. It integrates a dissipator or an energy absorber:

- > Static resistance:
 - With a retractable textile lanyard: 15 kN
 - With a retractable metal lanyard: 12 kN
- > Dynamic performance:
 - Braking force does not go over 6 kN.

EN 361 - FULL BODY HARNESS

The fall arrest harness is a body gripping device (adjustable to the user's morphology) designed to stop falls. It's an element of the fall arrest device (anchorage device + fall arrest link + full body harness)

- > Static resistance: 15kN
- > Dynamic performance:
 - Harness fitted to a 100 kg mass, connected to a rope. Must resist to two falls of 4 m:
 - Head-up position, and head-down position the harness must hold the dummy. After each fall, the dummy must be hold in a position not exceeding 50° from the upright position.

EN 362 - CONNECTORS

Connectors are openable device used to connect components. The locking of the connector is divided into a minimum of two actions (automatic-locking gate or manual-locking gate),

Different shapes exist to fit to the types of works and environment. They can be made of galvanized steel, stainless steel, alloy steel...

- > Static resistance for a basic connector (class B):
 - Major axis gate closed and unlocked: 15 kN.
 - Major axis gate closed and locked: 20 kN.
 - Minor axis Gate closed: 7 kN.

EN 795 - DISPOSITIFS D'ANCRAGE

The anchor device includes fix or mobile anchor points. They are intended for the connection of components in a personal fall protection system.

Type	Anchor Device
A	anchor device with one or more stationary anchor points, while in use, and with the need for a structural anchor(s) or fixing element(s) to fix to the structure
B	anchor device with one or more stationary anchor points without the need for a structural anchor(s) or fixing element(s) to fix it to the structure
C	anchor device employing a flexible anchor line which deviates from the horizontal by not more than 15°
D	anchor device employing a rigid anchor line which deviates from the horizontal by not more than 15°
E	anchor device for use on surfaces up to 5° from the horizontal where the performance relies solely on mass and friction between itself and the surface
<p>Example for an anchor device type B:</p> <ul style="list-style-type: none"> > Static resistance: <ul style="list-style-type: none"> - During 3 mm if the anchor device is in metal: 12 kN - During 3 mm if the anchor device is in textil: 18 kN > Dynamic resistance: <ul style="list-style-type: none"> - Fall of a mass of 300 Kg in factor 1, no breaking. 	

EN 813 - SIT HARNESSSES

The sit harness is a textil element encircling the waist, connected to each leg and provided with a ventral attachment point allowing the suspension of a person.

- > Static resistance: 15 kN



STANDARDS

EN ISO 20344	Personal protective equipment: Test methods for footwear.
EN ISO 20345	Safety footwear: Toe protection against shocks (200 J) and the risks of flattening (15 kN).
EN ISO 20346	Protective shoes: Toe protection against shocks (100 J) and the risks of flattening (10 kN).
EN ISO 20347	Occupational footwear: No specification about toe protection.

SLIP RESISTANCE

SRA	On ceramic tile floor with SLS.
SRB	On steel floor with glycerol.
SRC	SRA + SRB

EN ISO 20345 - OPTIONAL REQUIREMENTS

E	Heel energy absorption
P	Anti-puncture sole
CR	Cut resistance of the upper
M	Metatarsal protection
C	Conductive sole
A	Antistatic footwear
HI	Insulation against heat
CI	Insulation against cold
HRO	Heat resistant outsole compound
WRU	Water penetration and water absorption resistance of the upper
WR	Water resistance of the whole footwear
I	Insulating shoes
AN	Malleoli protection

USED MATERIAL CLASS

Class I	All leather and other materials (except for all rubber or all polymer)
Class II	All rubber (fully vulcanised) or all polymer (fully moulded).

EN 61340-4-3 - ELECTROSTATIC

Shoes that cover this standard are «dissipative».

This standard defines the shoes that protect electronic equipment
against an electrostatic discharge.

Electrical resistance: $< 1 \Omega \times 10^9$.

Antistatic shoes are not necessarily ESD.

EN ISO 20345 - SHOES CLASS

SB	Class I or II	Basic properties
S1	Class I	Basic properties Closed backpart Antistatic properties Energy absorption of the heel Resistance to fuel oil
S2	Class I	Basic properties Closed backpart Antistatic properties Energy absorption of the heel Resistance to fuel oil Water penetration resistance Water absorption resistance
S3	Class I	Basic properties Closed backpart Antistatic properties Energy absorption of the heel Resistance to fuel oil Water penetration resistance Water absorption resistance Anti-puncture sole Studded sole
S4	Class II	Basic properties Closed backpart Antistatic properties Energy absorption of the heel Resistance to fuel oil
S5	Class II	Basic properties Closed backpart Antistatic properties Energy absorption of the heel Resistance to fuel oil Anti-puncture sole Studded sole



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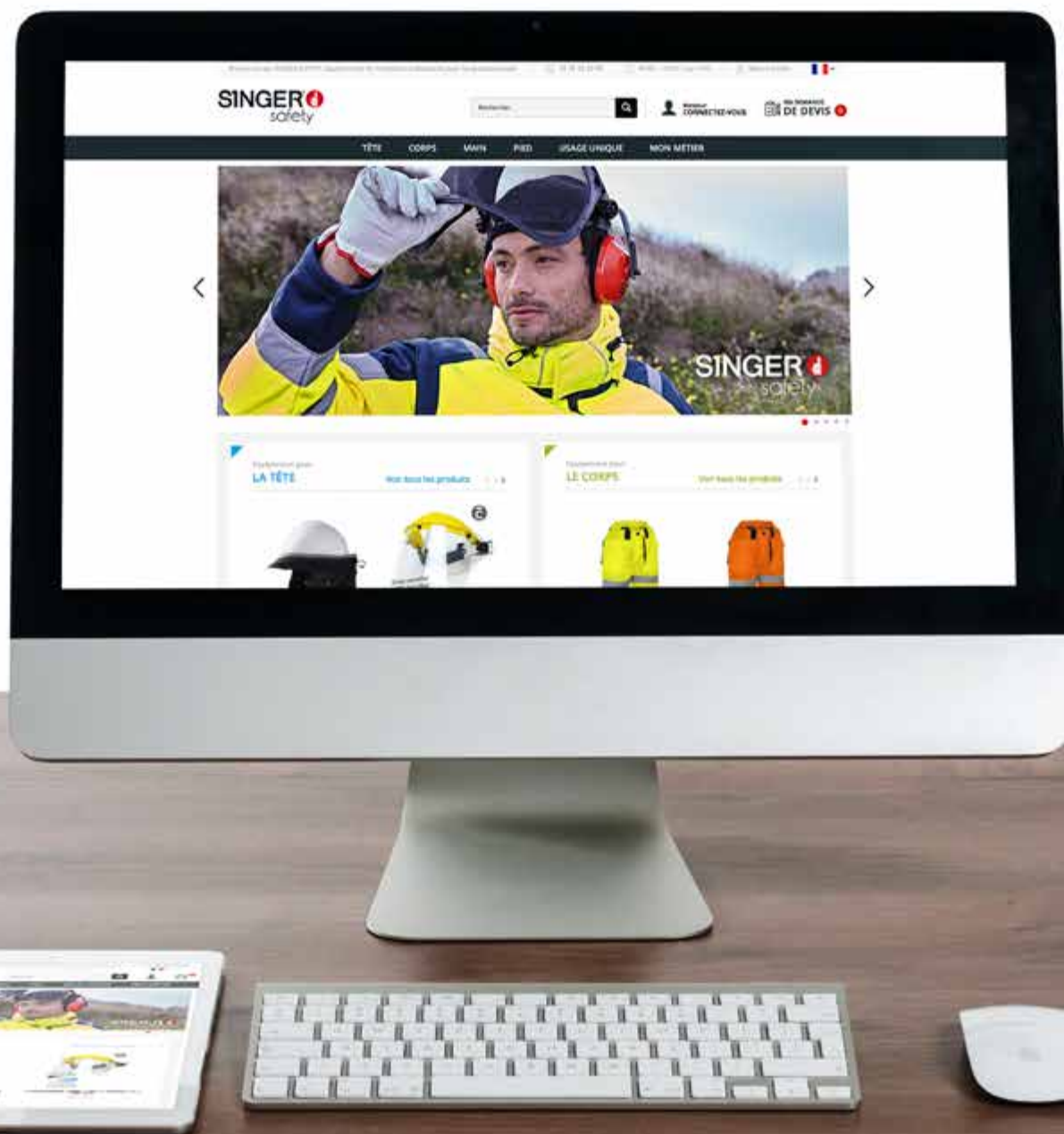


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By placing an order with Singer Frères (We or Us), You (the customer) are unreservedly accepting and agreeing to comply with these general terms and conditions of sale, which shall prevail over any other document issued by You – including any general terms and conditions of purchase –, irrespective of when they are brought to our attention, unless We expressly agree otherwise. These general terms and conditions apply to all products sold by Singer Frères, unless You and We specifically agree otherwise in writing before an order is placed. Consequently, by placing an order by any means whatsoever, You are unreservedly agreeing to comply with these general terms and conditions of sale, unless any special terms and conditions are agreed by Us in writing. Any document other than these general terms and conditions of sale (including catalogues, brochures, advertisements and notices) are non-binding and are provided for information only, solely by way of a guide.

2. – Contract formation / Orders

2.1 – Our prices do not constitute offers and orders are only valid once they have been accepted by Us. **2.2** – “Order” means any order for a Singer Frères product or products charged at our rates, and which We accept. **2.3** – All orders shall be firm and final unless We expressly agree otherwise in writing. **2.4** – Any request to change the contents or volume of an order must be made in writing (including fax or e-mail) and must be sent to Us within EIGHT (8) days of receipt of the initial order; otherwise the request will not be considered. We reserve the right to vary the number of products delivered compared to the number of products ordered by up to FIVE PER CENT (5%). If You do not accept the change, the order will be fulfilled on the terms originally accepted. **2.5** – We reserve the right to interrupt or stop marketing a product listed in our catalogues and brochures and to make any technical upgrades to our products which We consider appropriate, without being required to modify any products already delivered or for which an order is pending. Sketches, photos, descriptions and information included in our sales documentation are not contractually binding and may be changed. We reserve the right to change the products listed in our brochures and catalogues without notice.

3. – Delivery / Transport

3.1 – Delivery times are given for information only, by way of a guide, and depend notably on the availability of our carriers and the order in which orders arrive. Should one or more products ordered by You be out of stock, We may deliver only the available products. Unless expressly agreed otherwise, no compensation will be payable and an order may not be cancelled due to a delivery delay, particularly in the following circumstances: **3.1.1** – If You breach the applicable payment terms. **3.1.2** – In the event of force majeure or an event which delays or suspends a product delivery. **3.2** – Products and supplies, including those that include free delivery and even if We are liable for the transportation thereof, shall be transported at your exclusive risk, and any damage or loss must be reported to, and legal action must be taken against, the carriers, which will be solely liable. Goods are therefore deemed to be delivered ex works at our stores or warehouses. **3.3** – Each order must be for at least ONE HUNDRED AND FIFTY (150) euros excluding VAT. **3.4** – Free delivery covers SEVEN HUNDRED (700) euros (excluding VAT) for deliveries in mainland France. A fixed delivery charge of TWENTY-FIVE (25) euros (excluding VAT) will be charged for orders for less than this amount.

4. – Acceptance

4.1 – Without prejudice to the claims You must make directly against the carrier within the timeframe imposed by law, complaints concerning apparent defects or non-conformities affecting the products delivered compared to those ordered must be made by registered letter (with acknowledgement of receipt) within EIGHT (8) days of delivery. Complaints made after this time limit will be out of time and will be rejected. **4.2** – You must produce proof of the defects or issues observed. **4.3** – You must allow Us to record these defects or issues and to resolve them if possible. **4.4** – You must refrain from taking any action to resolve them yourself and from appointing a third party to do so. Otherwise, no further complaints may be made against Us.

5. – Returns / Procedure

5.1 – Returns must be formally agreed in advance between You and Us. **5.2** – Any product that is returned without such agreement will be available to You for THREE (3) months on our premises and no credit note will be issued in respect of such product. Once this timeframe has expired, any product that has not been collected will be deemed abandoned by You and We may freely dispose thereof at our discretion, without being required to pay any form of compensation. **5.3** – You are liable for the expense and risk of returning products, except in the event of a delivery issue attributable to Us. **5.4** – Any product that is returned after the strict timeframe of EIGHT (8) days from the delivery date will be rejected.

6. – Returns / Consequences

6.1 – We will issue a credit note to You for any product return that is accepted by Us, once We have checked the quality and quantity of the product(s) returned. **6.2** – You are entitled to a refund or to the free replacement of any non-conforming product or product containing an apparent defect which We duly acknowledge in accordance with Clause 4, to the exclusion of any other compensation.

7. – Warranties / Scope

7.1 – Our products are covered by a warranty, as required by law and within the limit of the manufacturer's warranty, for any material or manufacturing defect for FIFTEEN (15) days from the delivery date. **7.2** – Initially, You must return any product for which a claim is made under the warranty to Us. **7.3** – Under this warranty, We undertake to replace or repair any product or component which We acknowledge to be faulty. We will not be liable under any circumstances for any indirect or consequential damage or loss, any damage or loss due to a delivery delay, any missing or damaged product, any damage or loss suffered on account of a product not meeting your requirements, or any damage or loss beyond our control. If We are nevertheless found liable for the non-fulfilment or inadequate fulfilment of a sale, it is expressly agreed that our liability will be limited to the price of the product that caused the damage or loss. **7.4** – Warranty work will not extend the warranty period or constitute grounds on which to withhold payment of the corresponding invoice or any other invoice pending, which must be paid on the specified dates. **7.5** – Notices for the products We sell are provided in French or other languages, depending on the versions issued by the manufacturer, and no claim made by You against Us on this basis will be accepted.

8. – Warranty / Exclusions

8.1 – The warranty does not cover defects caused by: ordinary wear and tear / inadequate maintenance or inappropriate use / a product alteration not anticipated or specified by Us or incorrect assembly / an accident of external origin or a defect caused by force majeure / inappropriate storage by You. **8.2** – Similarly, it is expressly agreed that **the warranty provided under Clause 7 does not cover apparent defects. You must comply with Clause 4 in relation to any apparent defect.** **8.3** – We do not offer the warranty introduced under the French Act of 19 May 1998 for faulty products. You therefore agree not to make any liability claim against Us on this basis, either directly or by making a warranty claim.

9. – Prices / Payment terms / Penalties

9.1 – Our prices are those applicable on the order date and exclude VAT. Our special terms and conditions stipulate our prices and whether they are fixed or liable to be revised. **9.2** – Invoices must be paid to our registered office: **9.2.1** – Within EIGHT (8) days of the invoice date, less a discount of 0.5% where applicable, by cheque or bank transfer. **9.2.2** – Within a timeframe agreed between You and Us, according to Article L. 441-6 of the French Commercial Code and the LME Act of 4 August 2008 for amounts due by the end of the month that falls FORTY-FIVE (45) days after the invoice date or within SIXTY (60) days of the invoice date: **9.2.2.1** – In the form of an accepted bill issued by Us, within EIGHT (8) days of the date thereof, without any discount. **9.2.2.2** – In the form of a promissory note issued by You within EIGHT (8) days of the invoice date, without any discount. **9.2.2.3** – By cheque or bank transfer. **9.3** – If any amount is not paid in full on the due date, all other amounts shall fall due immediately, even if a bill has been issued for any such amount. If payment is made in the form of a commercial paper and if the paper is not returned, it will be deemed to have been declined and will constitute a payment default. **9.4** – Furthermore, pursuant to Article L. 441 of the French Commercial Code, You will be liable for the following in connection with any amount (including VAT) that is not paid on the due date: **9.4.1** – A penalty charged at three times the statutory interest rate on the full amount outstanding. **9.4.2** – A fixed debt collection charge of FORTY (40) euros per invoice, notwithstanding any additional compensation. Penalties and fixed charges shall be due automatically, without the need to issue a reminder. **9.5** – If your financial position deteriorates, We reserve the right, even after dispatching part of an order, to ask You to produce guarantees that are deemed suitable to fulfil your existing or future commitments. If You refuse to do so, We reserve the right to cancel the whole or part of any order or contract in progress. **9.6** – You are liable for the foreign exchange risk. The sums owed by You must not be set off by any means against any sums to which You claim to be entitled.

10. – Force majeure

Force majeure and fortuitous events are deemed to include events which are beyond the parties' control, which neither party could reasonably be expected to foresee, which neither party could have avoided or overcome and which renders performance of their obligations impossible. The following in particular shall be deemed force majeure or fortuitous events which will release Us from our obligation to deliver within the initial timeframes: lock-outs, strikes by some or all of our staff, suppliers or carriers, fire, natural disasters, war, production stoppages, the impossibility to procure supplies of raw materials, epidemics, weight limits during thaw conditions, road blocks, strikes, power outages and supply shortages, on the understanding that this list is not exhaustive. In such circumstances, We will notify You by any written means, notably by fax or e-mail, within SEVENTY-TWO (72) hours of the date of occurrence of the relevant event and this contract will be automatically suspended without compensation on the date of occurrence of the event. Should an event persist for more than THIRTY (30) days from the date it occurs, the sales contract between You and Us may be terminated by the first party to act, without either party being entitled to claim any damages. Termination shall take effect on the date of the first attempted delivery of the registered letter (with acknowledgement of receipt) terminating the sales contract.

11. – Automatic rescission

The sale will be rescinded if You breach any of your obligations, without prejudice to any damages, surcharges and penalties which We might claim, if formal notice to perform remains without effect for FORTY-EIGHT (48) hours after sending.

12. – Dispute resolution / Applicable law

12.1 – **The Commercial Court of Dunkerque will have exclusive jurisdiction to hear and decide any dispute that arises in connection with the performance and/or interpretation of these general terms and conditions and which cannot be amicably resolved**, even if any of your letters, invoices or other documents state otherwise and even if a third party is joined to the proceedings or there is more than one defendant. Simply by placing an order or accepting an order confirmation, You are deemed to have accepted these terms and conditions. **12.2** – Any matter concerning these general terms and conditions of sale and the sales they govern which is not addressed herein shall be governed by French law, to the exclusion of any other law, and by the Vienna Convention on Contracts for the International Sale of Goods. **12.3** – No tolerance by Us in relation to these terms and conditions – regardless of the frequency or duration thereof – should ever be construed as an amendment or deletion of these terms and conditions or as generating any right of any kind. Should any clause of these general terms and conditions be null and void, this shall not affect the other general terms and conditions.

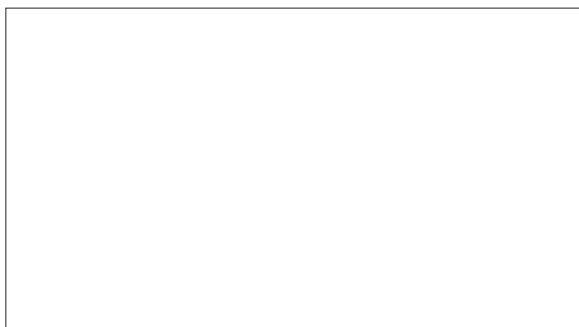
13. – Retention of title

13.1 – Pursuant to the French Act of 12 May 1980 and Article L. 624-16 of the French Commercial Code, the seller shall retain ownership of the products sold until such time as the price thereof (principal and ancillary charges) has been paid in full. Any clause to the contrary, particularly a clause included in the general terms and conditions of purchase, shall be deemed never to have been written. It is expressly agreed that **We may enforce our rights under this retention of title clause in relation to any amount owed to Us, in respect of all of the products in your possession, which will contractually be considered as unpaid, and We may therefore retrieve those products or claim them as damages for the invoices still owing to Us, without prejudice to our right to terminate sales in progress.** **13.2** – We may reclaim any products that are not paid for in full. Delivery of a document creating an obligation to pay, such as a bill of exchange or promissory note, shall not be deemed to constitute payment. These provisions do not preclude the transfer to You, upon delivery (ex works at our stores or warehouses) of the risks inherent in the products sold and any damage or loss caused by our products. **13.3** – You may resell or alter the products We deliver to You for business purposes. Should any products be sold to a third party in good faith, the right of recovery shall apply to the price received by You.

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