



## Area of use\*



## Technical features

**Softshell jacket.**

**First material:** 100% polyester, with TPU membrane, 300 gsm.

**Second material:** 94% polyester and 6% elastane, with TPU membrane, 300 gsm.

**Lining:** polar fleece polyester.

Removable hood by zipper with drawcords.

3 outer pockets. Zip fastening. Elasticated waist.

Knitted wrists under the sleeves.

**Colour:** black, navy blue and orange.

**Sizes:** S to 4XL.

**Packaging:** carton of 10 pieces.

**Subpackaging:** individual polybag.

**TRIPLE LAYER  
WITH TPU  
MEMBRANE**



1821



## Advantages

**Water-repellent, breathable and warm** thanks to the triple layer (Softshell).

**Soft and comfortable** thanks to the material (polyester/elastane).

**Functional and practical** thanks to the outer pockets

**Versatile** thanks to the removable hood.

**Quality and safety of materials** with OEKO-TEX® certification.

**Quick adjustment** thanks to the elasticated waist and knitted cuffs.

**BODY  
Protection**

## Certification

This product complies with **European Regulation (EU) 2016/425** on Personal Protective Equipment (PPE). **Category I.**

EN14058:2017



1  
3  
X  
X



Download the EU declaration of conformity on <http://docs.singer.fr>

## EN 14058 - AGAINST COOL ENVIRONMENTS

	<b>A</b>	Thermal resistance. Class 1 to 4 (4 being the best).
	<b>B</b>	Air permeability. Class 1 to 3 (3 being the best).
	<b>C</b>	Resulting thermal insulation. Optional test.
	<b>D</b>	Resistance to water penetration. Optional test.

## EN 343 - AGAINST BAD WEATHER

	<b>A</b>	Resistance to water penetration. Class 1 to 3 (class 3 being the best).
	<b>B</b>	Evaporative resistance. Class 1 to 3 (class 3 being the best).

## EN ISO 11611 - WELDING AND ALLIED PROCESSES

	<b>Class 1</b>	Against minor risks: Less projections and a weak radiant heat.
	<b>Class 2</b>	Against important risks: More projections and a more important radiant heat.
	<b>A1 or A2</b>	Test method used for spreading of the flame, in conformity with the standard ISO 15024/2000.

## EN ISO 11612 - PROTECTION AGAINST HEAT AND FLAME

	<b>A1 and/or A2</b>	Limited flame spread.
	<b>B1 to B3</b>	Convective heat.
	<b>C1 to C4</b>	Radiant heat.
	<b>D1 to D3</b>	Molten aluminium splash.
	<b>E1 to E3</b>	Molten iron splash.
	<b>F1 to F3</b>	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 14116 - LIMITED FLAME SPREAD

 A/BC/D	<b>A</b>	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>B</b>	-	Number of washes.
	<b>C</b>	H	Home washing.
		I	Industrial washing.
		C	Chemical washing.
	<b>D</b>	-	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 1149-5 - ELECTROSTATIC PROPERTIES

	Electrostatic properties, part 5. Material performance and design requirements.
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## EN ISO 20471 - HIGH VISIBILITY

	<b>Class 1</b>	Background material: > 0,14 m <sup>2</sup> . Retro-reflective material: > 0,10 m <sup>2</sup> . Combined performance material: > 0,20 m <sup>2</sup> .
	<b>Class 2</b>	Background material: > 0,50 m <sup>2</sup> . Retro-reflective material: > 0,13 m <sup>2</sup> . Combined performance material: - m <sup>2</sup> .
	<b>Class 3</b>	Background material: > 0,80 m <sup>2</sup> . Retro-reflective material: > 0,20 m <sup>2</sup> . Combined performance material: - m <sup>2</sup> .

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).  
«X» indicates the class of the garment according to the compulsory minimum area..

## EN 14404 - KNEE PROTECTION

 TYPE X LEVEL X	<b>Type 1</b>	Protective portable knee pads.
	<b>Type 2</b>	Knee pads associated with clothing.
	<b>Type 3</b>	Carpet for knees.
	<b>Type 4</b>	Kneeling systems.
	<b>Level 0</b>	Flat floors, no resistance to penetration required.
	<b>Level 1</b>	Flat floors, resistance to penetration of 100N.
	<b>Level 2</b>	Flat or irregular surfaces, resistance to penetration of 100N.
<b>Level 3</b>	Flat or irregular surfaces under difficult conditions, resistance to penetration of 250N.	

## EN 61482 - THERMAL HAZARDS OF AN ELECTRICAL ARC

	<b>APC 1</b>	Tested with an electrical arc of 4 000 amperes
	<b>APC 2</b>	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 943, EN 14605, EN ISO 13982, EN 13034 AGAINST CHEMICALS

 Type X	<b>Type 1</b>	Gaz tight.
	<b>Type 2</b>	Non gaz tight.
	<b>Type 3</b>	Liquid tight connections.
	<b>Type 4</b>	Spray-tight connections.
	<b>Type 5</b>	Protection to the full body against airborne solid particulates.
	<b>Type 6</b>	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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"X" means that the glove has not been submitted to the test.