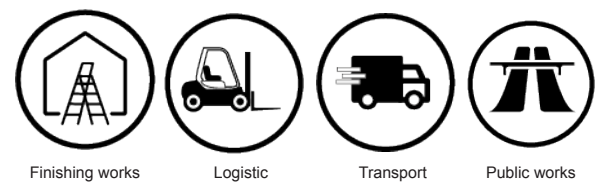


TRIPLE LAYER WITH TPU MEMBRANE



>> Type of use (*)



>> Technical features

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

✓ Sizes and packaging

	S, M, L, XL, 2XL, 3XL	
Carton	10 units	
Bundle	1 unit	

Learn more : www.singer.fr

>> Main advantages

- ✓ Very practical thanks to its 3 external pockets and its internal pocket.
- ✓ Softshell fabric that is both very light and flexible while offering essential security, especially at night thanks to its retro-reflective bands and during the day with orange fluorescent material.
- ✓ Warm lining of the back in polar finish.
- ✓ High collar lined with soft and comfortable fleece.
- ✓ Special fabric with waterproof and breathable membrane.
- ✓ Exclusive **Singer® Safety** design and concept.



>> Compliance

This garment has been tested according to the following European Standards (**Category II**).

- **EN ISO 13688: 2013**. Protective garment. General requirements.
- **EN 14058: 2017**. Garments for protection against cool environments.
- **EN ISO 20471: 2013 +A1: 2016**. High visibility clothing - Test methods and requirements.

It complies with the European Regulation (**EU**) **2016/425** on Personal Protective Equipment (**PPE**).
 EU examination type certificate (**module B**) issued by **SATRA (Ireland)**. Notified body n°**2777**.
 Download the EU declaration of conformity on: <http://docs.singer.fr>

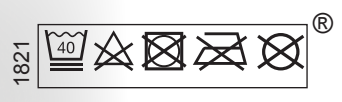
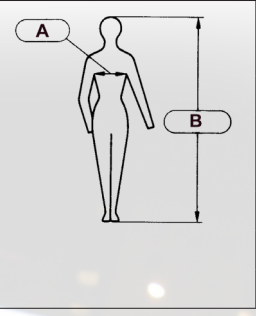
EN ISO 20471: 2013 +A1: 2016 EN 14058: 2017

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(*) Type of use is given as a guide only. It is to the end user to check whether the product is suitable or not for the intended use. Before any use, read carefully the instructions enclosed with the product. Issue LS 2019_12_23. Copyright: Singer. Fotolia

sizes	Chest (cm) (A)	Height (cm) (B)
S	84-96	160-172
M	92-104	166-178
L	100-112	172-184
XL	108-120	180-192
2XL	116-128	188-198
3XL	126-138	192-202



EN ISO 20471: 2013 +A1 : 2016	
	Result ▼ Class 2
Background & Retro-reflective material	Class 2

Information about classes
 Class 3: highest level of visibility. Class 2: intermediate visibility level.
 Class 1: lowest level of visibility.

Minimum area requirement in m ²	Class 3 garment	Class 2 garment	Class 1 garment
Background material	0.80	0.50	0.14
Retro-reflective material	0.20	0.13	0.10
Combined performance material			0.20

Background fluorescent coloured material, for the day
 Fluorescence is the ability of a material to reflect more light than it receives.
 Consequently fluorescent colors seem more vivid than those which does not have this property.

Retro-reflective material for night
 A retro-reflector is a device capable of reflecting the light it receives back in directions close to the source. Thus the driver who light a pedestrian in the night with the headlights of his vehicle, can identifies very quickly the garment which features a retro-reflective material.

The coefficient of retro-reflection of the retro-reflective material must be class 2 to comply with EN ISO 20471 (class 1 of previous EN471 standard has been cancelled).

(x) the figure next to the pictogram indicates the category of the garment according to the minimum area requirement in m².

	EN 14058: 2017	Result ▼
	Thermal resistance class	1
	Air permeability class (Optional)	3
	Insulation value I _{cler} in m ² K/W (optional)	X
	Water penetration resistance class (optional)	WP
«X» means that the garment has not been submitted to the test The thermal insulation may decrease after washing procedures..		

Thermal resistance	Rct (m ² K/W)	Class
	0.06 ≤ Rct < 0.12	1
0.12 ≤ Rct < 0.18	2	
0.18 ≤ Rct < 0.25	3	
0.25 ≤ Rct	4	

Air permeability	AP mm/s	Class	
	100 < AP	1	appropriate for low air velocities (< 1 m/s)
	5 < AP ≤ 100	2	appropriate for air velocities < 5 m/s
	AP ≤ 5	3	appropriate for high air velocities (≥ 5 m/s)

To be able to marked WP, the garment must have a minimum resistance to water penetration of 8000 Pa (WP) but also a water vapour resistance below to 55m².Pa/W (R_{et})

Garment resistance to water penetration	Garment water vapour resistance
WP > 8000 Pa	R _{et} < 55 m ² .Pa/W



Also available
 in yellow / blue
 version
 Réf: VULCO

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