



>> Use (*)

This garment is for signaling the user's presence visually, intended to provide conspicuity of the user in hazardous situations under any light conditions by day and under illumination by vehicle headlights in the dark. Road maintenance, maintenance of parks and gardens, public works professions, transport, construction, dockers, movers, tour guides, security jobs...

>> Technical features

- ✓ High visibility work short.
 - Elasticated waist on each side. Loops for belt.
 - Fly with zipper and button.
 - 2 front large pockets and one back pocket with flap.
 - 2 silver retro-reflective tapes around leg.
- ✓ **Colour** : **BILBA** : yellow high visibility with blue contrasts.
BILBAO : orange high visibility with blue contrasts.
 Grey silver tapes.
- ✓ **Sizes** : S, M, L, XL, 2XL, 3XL.
- ✓ **Packing** : Carton of 10 pieces.
 Bundle of 1 piece.



Learn more: www.singer.fr

>> Advantages

- ✓ High visibility short : soft, functional and comfortable.
- ✓ The range has been designed to offer you products that are more current, multi-functional, in materials soft and comfortable to wear.
- ✓ We take the utmost care in selecting fabrics, accessories and clothing in order to provide you comfort, efficiency and functionality.



>> Compliance

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

- **EN ISO 13688: 2013**. Protective garment. General requirements.
- **EN ISO 20471: 2013**. High visibility clothing - Test methods and requirements

It complies with the European Regulation (**EU**) **2016/425** on Personal Protective Equipment (**PPE**).
 EU type examination certificate (**module B**) issued by **CENTEXBEL**, notified body **n°0493**.



1

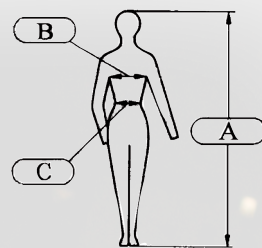
EN ISO20471
Class 1

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Size	Height (cm) (A)	Chest (cm) (B)	Waist (cm) (C)
S	160-172	84-96	72-84
M	166-178	92-104	80-92
L	172-184	100-112	88-100
XL	180-192	108-120	96-108
2XL	188-198	116-128	104-116
3XL	192-202	126-138	112-124



EN ISO 20471: 2013 +A1 : 2016	
	Result ▼
Background & Retro-reflective material	Class 1

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 EN 471 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.

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