



Concealed hood rolled into collar.



>> Type of 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

- ✓ **Description:** 2 x 1 high visibility jacket/bodywarmer. With retro-reflective tapes. 2 outer patch pockets with rest-hands. 1 mobile phone pocket. 1 inside pocket. Concealed hood rolled into collar. Detachable sleeves. Warm knitted wrists under the sleeves. Front zipper fastening under studded flap. Features a zip access for print.
- ✓ **Outshell:** polyester **Oxford 300D** with polyurethane coating.
- ✓ **Lining:** 100% polyester polar fleece lining, **280 gsm**.
- ✓ **Colour:** orange. Grey tapes.
- ✓ **Sizes and packaging**

	M, L, XL, 2XL	S, 3XL	
Carton	10 units	5 units	
Bundle	1 unit	1 unit	

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>> Main advantages

- ✓ Good quality of workmanship and materials.
- ✓ Retro-reflective tapes above the shoulders for good visibility even above the wearer (good visibility for example from crane operators on construction sites!).
- ✓ Straight collar for neck protection against cold and rain..
- ✓ Warm and comfortable; knitted cuffs and warm polar fleece.
- ✓ Very convenient, detachable sleeves, the jacket becomes a bodywarmer !!

>> Compliance

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

- **EN ISO 13688: 2013.** Protective garment. General requirements.
- **EN 343: 2003 + A1: 2007.** Protective clothing - Protection against rain.
- **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 examination type certificate (**module B**) issued by **CENTEXBEL**, notified body n°**0493**.



EN ISO 20471: 2013 +A1 : 2016 EN 343: 2003 +A1: 2007



Jacket with sleeves



Bodywarmer without sleeve

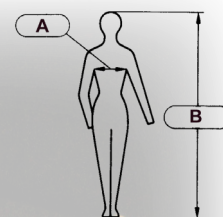


Restricted wearing time

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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	 3	 2
	Jacket with sleeves	Bodywarmer without sleeve
Result ▼	Result ▼	
Background & Retro-reflective material	Class 3	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 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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 3 1 Restricted wearing time	
EN 343: 2003 +A1: 2007	Result ▼
(W _p) Water penetration resistance(*)	Class 3
R _{et} Water vapour resistance (**)	Class 1
(*) W _p ≥ 13 000 Pa (**) R _{et} > 40 m ² Pa/W (highest level = 3, lowest level = 1)	

Water penetration resistance W _p	Class		
	1	2	3
Specimen to be tested			
- material before pretreatment	W _p ≥ 8 000 Pa	No test required ^{a)}	No test required ^{a)}
- material after each pretreatment	No test required	W _p ≥ 8 000 Pa	W _p ≥ 13 000 Pa
- seams, before pretreatment	W _p ≥ 8 000 Pa	W _p ≥ 8 000 Pa	W _p ≥ 13 000 Pa

^{a)} Not test required because the worst case situation for class 2 and class 3 is after pretreatment

Water vapour resistance R _{et}	Class		
	1 ^{a)}	2	3
$\frac{m^2 \cdot Pa}{W}$	R _{et} > 40	20 < R _{et} ≤ 40	R _{et} ≤ 40

Class 1 has a restricted wearing time

Recommendations for wearing time			
Temperature of working environment °C	Class 1 R _{et} > 40 min	Class 2 20 < r _{et} ≤ 40 min	Class 3 R _{et} ≤ 20 min
25	60	105	205
20	75	250	-
15	100	-	-
10	240	-	-
5	-	-	-

Also available :
 - in yellow colour
 Ref: VIENA



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