



>> 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

- ✓ High visibility rain garment. With retro-reflective tape. Suspenders pants. Elasticated waist. Front fly with press-stud.
- ✓ Ousthell polyester **Oxford 300D** with polyurethane coating.
- ✓ **Colour:** Two-coloured: navy blue /yellow.
- ✓ **Sizes and packaging**

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

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>> Main advantages

- ✓ Good quality of workmanship and materials. Light, warm and comfortable wear.
- ✓ Dark blue colour on leg bottoms to prevent soiling of the high-visibility material.
- ✓ Adjustable and removable elastic straps.

>> 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



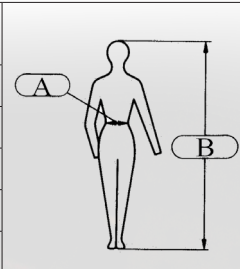
Restricted wearing time




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Size	Waist (cm) (A)	Height (cm) (B)
M	80-92	166-178
L	88-100	172-184
XL	96-108	180-192
2XL	104-116	188-198
3XL	112-124	192-202




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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 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
(*) $W_p \geq 13\,000\text{ Pa}$ (**) $R_{et} > 40\text{ m}^2\text{ Pa/W}$ (highest level = 3, lowest level = 1)	

Water penetration resistance W_p	Class		
	1	2	3
Specimen to be tested			
- material before pretreatment	$W_p \geq 8\,000\text{ Pa}$	No test required ^{a)}	No test required ^{a)}
- material after each pretreatment	No test required	$W_p \geq 8\,000\text{ Pa}$	$W_p \geq 13\,000\text{ Pa}$
- seams, before pretreatment	$W_p \geq 8\,000\text{ Pa}$	$W_p \geq 8\,000\text{ Pa}$	$W_p \geq 13\,000\text{ Pa}$

^{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
$\frac{\text{m}^2 \cdot \text{Pa}}{\text{W}}$	$R_{et} > 40$	$20 < R_{et} \leq 40$	$R_{et} \leq 40$

Class 1 has a restricted wearing time

Recommendations for wearing time			
Temperature of working environment °C	Class 1 $R_{et} > 40\text{ min}$	Class 2 $20 < r_{et} \leq 40\text{ min}$	Class 3 $R_{et} \leq 20\text{ min}$
25	60	105	205
20	75	250	-
15	100	-	-
10	240	-	-
5	-	-	-



Also available in orange/blue colour
Ref: PIVO

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