



**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:** foul weather high visibility garment set made up of two different pieces. With retro-reflective tape.
- ✓ **Raincoat:** Pockets. Concealed hood rolled inside collar. Front zip fastening under studded flap. Outshell: polyester **Oxford 300D** with polyurethane (PU) coating. Polyester lining.
- ✓ **Trousers:** elasticated waist. Fly. Outshell: polyester **Oxford 300D** with polyurethane (PU) coating.
- ✓ **Colour:** Two-coloured: navy blue /orange.
- ✓ **Sizes and packaging**

	M, L, XL, 2XL	3XL, 4XL	
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.
- ✓ Central front double slider zipper for greater convenience and with double inside/outside flap for better protection against rain.
- ✓ Outside pockets with flap for better protection against rain.
- ✓ Retro-reflective tapes above the shoulders for good visibility even above the wearer (good visibility for example from crane operators on construction sites!).
- ✓ Dark blue colour material at the bottoms of the garment in order to avoid the high-visibility materials to become dirty.
- ✓ Safety hood with peripheral vision.
- ✓ Convenient adjustable cuffs.

**>> 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**

(jacket) 3

(trousers) 1

**EN 343: 2003 +A1: 2007**

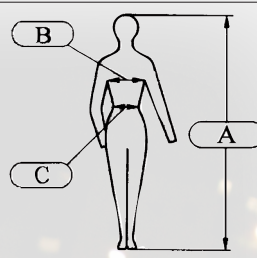
3 Restricted wearing time 1

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Size	Height (cm) (A)	Chest (cm) (B)	Waist (cm) (C)
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
4XL	196-206	136-148	120-132



EN ISO 20471: 2013 +A1 : 2016	3	1
	Jacket	Trousers
	Result ▼	Result ▼
Background & Retro-reflective material	Class 3	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 <sup>2</sup>	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 ISO20471 (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 m<sup>2</sup>.



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 <b>3</b> <b>1</b> Restricted wearing time	
<b>EN 343: 2003 +A1: 2007</b>	<b>Result</b> ▼
(W <sub>p</sub> ) Water penetration resistance(*)	<b>Class 3</b>
R <sub>et</sub> Water vapour resistance (**)	<b>Class 1</b>
(*) W <sub>p</sub> ≥ 13 000 Pa (**) R <sub>et</sub> > 40 m <sup>2</sup> Pa/W (highest level = 3, lowest level = 1)	

Water penetration resistance W <sub>p</sub>	Class		
	1	2	3
Specimen to be tested			
- material before pretreatment	W <sub>p</sub> ≥ 8 000 Pa	No test required <sup>a)</sup>	No test required <sup>a)</sup>
- material after each pretreatment	No test required	W <sub>p</sub> ≥ 8 000 Pa	W <sub>p</sub> ≥ 13 000 Pa
- seams, before pretreatment	W <sub>p</sub> ≥ 8 000 Pa	W <sub>p</sub> ≥ 8 000 Pa	W <sub>p</sub> ≥ 13 000 Pa

<sup>a)</sup> Not test required because the worst case situation for class 2 and class 3 is after pretreatment

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

Class 1 has a restricted wearing time

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



Also available in  
yellow/blue colour  
Ref: VILA

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