

**Product: Highly visible trousers CXS, design: CARDIFF 1368-BBVV /1111 001 XXX XX/**



**Intended use:** The user wearing the trousers is well visible in dangerous situations during a day under any lighting conditions and also when it gets dark and the person is illuminated by a vehicle. These clothes should be worn by everyone who is exposed to such situation. They may substantially reduce any risk of accident.

The examples of activities may include works carried out on roads, maintenance of tracks, rehabilitation of contaminated areas, emergency and ambulance service, transport, post services, security agencies, handling works in areas with moving vehicles etc.

The trousers are high visible and cannot be covered by other clothing and accessories. The overlap of the garments is possible only if use a high visible clothing.

Selection of the right reflective occupational clothes with high visibility in accordance with the respective class must be carried out according to specific needs of the respective workplace, type of risk, and concrete conditions of the respective workplace. The right selection is within competence of an employer, who must determine and select the right type of clothes before they are used.

**Pictograms:**

 <p>1 max 30x</p>	<p><b>EN ISO 20471:2013</b>  <b>Class 1</b> – based on the area of conspicuous materials.          Maximum number of washing cycles during which the clothes preserve their reflective properties</p>
	<p>notice on the necessity to read the instructions for use</p>

**minimum required area of conspicuous material in m<sup>2</sup>**

	Clothes of class 3	Clothes of class 2	Clothes of class 1
Underlying material:	0.80	0.50	0.14
Retroreflective material	0.20	0.13	0.10

**Recommended period of wear: Garment Class 1**

The following table provides information that clarify impact of penetrability for water vapour for recommended uninterrupted period of wearing the clothes at various temperatures.

**The maximum recommended uninterrupted period of wearing of the complete set of clothes consisting of jacket and trousers without insulating lining.**

Work environment temperature in °C	Class		
	1 R <sub>et</sub> above 40 min.	2 20 < R <sub>et</sub> ≤ 40 min.	3 R <sub>et</sub> ≤ 20 min.
25	60	105	205
20	75	250	—
15	100	—	—
10	240	—	—
5	—	—	—

"—" means: unlimited period of wear

The table applies for medium physical load, M = 150 W/m<sup>2</sup>, for a standard person, relative air humidity 50%, and wind speed (airflow) v<sub>a</sub> = 0,5 m/s.

The period of wearing may be extended if the clothes are provided with effective air holes and/or they are worn with breaks.



The clothes conform to the basic hygienic and safety requirements in accordance with the Regulation (EU) 2016/425 and other mentioned standards. Personal protective clothes of II class.

EN ISO 13688:2013 Protective clothes - General requirements

EN ISO 20471:2013 Clothes with high visibility - Testing methods and requirements.

Identification of the Notified Body that carried out the conformity assessment: Institut pro testování a certifikaci, a.s. (Institute for testing and certification), tř. T. Bati 299, 764 21 Zlín-Louky, CZ, Notified body no. 1023.

**Material composition:**

Top layer: 100% Polyester with Polyurethane (PU) coating;

Lining + filling: 100% Polyester,

Reflective strips: 3M™ Scotchlite™ - 8906, Composition: 70% Polyester, 30% Cotton™ with glued uncovered glass lenses.

**Storage:** DO NOT STORE in places with direct sun. Store the clothes in closed, dry, well ventilated stores. Protect them against radiant heat of heating devices. They must be stored not closer than 1 m at least from heating bodies. If the clothes are wet, leave them to dry out at room temperature and then store them.

**When transported,** the products are packed in PE bags. The products must not be damaged during their transportation.

**Warning:**

- Check the clothes' condition visually before every use. The clothes must be kept clean to remain functional. If they are dirty or pale, replace them immediately!!! Repair them only using the materials and fabrics that meet the requirements of the respective standard. The protection class is determined based on the area of visible material; therefore marking of the clothes on their surface is restricted or limited.

- Wearing clothes with high visibility does not provide the user with any guarantee that he/she will be visible in every situation.

- The clothes preserve their reflective properties during not more than 30 washing cycles. The clothes should be put out of operation after 30 washing cycles. The above-specified maximum number of washing cycles is not the only factor related to the life of the clothes. The clothes' life will depend on the their using, storing etc.

- When the determined purpose of using is consequently observed, there is no risk, which could threaten user's health (the product mustn't be used under circumstances that require another type of protective functions, e.g. protection against thermal, chemical risk, catching by moving machine parts etc.).

**Disposal:** Disposal of clothes is regulated by legislation of individual countries or by local regulations. Disposal by burning.

**Sizes:** XS – XXXXL. Sizes corresponding to the prescribed intervals in accordance with EN ISO 13688:2013.

The clothes are manufactured in the standard height 170-182cm. Permitted tolerance of deviations in dimensions is +4 and -3%.

**How to maintain at home:** Not more than 30 washing cycles; washing as a synthetic material with max. temperature of 40 °C; gentle washing powder for fine or colored clothes, do not use any BIO laundry detergents; considerate handling; rinsing in cold water; short spinning; no bleaching; no tumble drying; no ironing; no chemical cleaning.

#### Manual cleaning

1. Water 40 °C - soft cloth, sponge.

2. Considerate laundry detergent. For removing grease stains, mineral oil etc. use a soft and clean cloth soaked in thinners. Then wipe with clean water.

3. Rinse the clothes after cleaning and leave them to get dried.

The maximum number of washing cycles applies only for the properties related to high visibility.

**ATTENTION:** If the product is used, kept, or treated differently than as specified here in this document, it may be destroyed or its functions may be changed.

The Declaration of Conformity can be found here: [www.canis.cz](http://www.canis.cz); for individual products, in the bar "Documents to download".



<b>CARDIFF</b>	
1111 001 155 93 1368-ZLOM	
CAT: II	CE
Material: Svrchní : upper + wierzchni : 100 % polyester s nánosem polyuretanu - 100 % polyester with polyurethan coating - 100 % poliester z povlakou polyuretanová Podšívkai vpytlí + lining /podšívka + podszevka /wysciolka: 100 % polyester + 100 % poliester	
 max. 30x	
EN ISO 20471:2013 	
I: 182 cm	
II: 80 - 88 cm	
Tento výrobek musí být udržován v čistotě, aby zůstal funkční. Pokud je neodstranitelně uspiněn nebo vybledlý, je nutné jej nahradit. - Tento odev musí být udržován čistý, aby zůstal funkční. Okamžitě ho nahradte, ak je trvalo znečistěný alebo vyblednutý. - This clothing must be kept clean to be usable. Replace it immediately if it is permanently stained or faded. - Odzież ta powinna być utrzymywana w czystości, aby nadawała się do użytku. Należy natychmiast ją wymienić, jeżeli jest zanieczyszczona w sposób trwały lub	
BARCODE	
ZA/2015447 	

**Marking:** Sewed-in label (design)

Type of product

Category of product

Conformity mark

Material composition

Pictograms for maintenance in accordance with EN ISO 3758:2012

Marking of size with 2 control sizes

Pictograms for protection including harmonized standards

Pictograms for protection including harmonized standards

Notice on the necessity to read the instructions for use

Lot

Identification of manufacturer



If you have any questions, contact the manufacturer:

U Tesly 1825, 735 41, Petřvald, CZ