MANUFACTURERS' INFORMATIVE NOTES

HIGH-VISIBILITY Workwear

ATTENTION: Read carefully before use!

article	product-description	available sizes
4109 / 4114	**TORONTO high-vis parka-jacket - outerjacket**	S, M, L, XL, XXL, 3XL, 4XL, 5XL
4109 / 4114	**TORONTO high-vis parka-jacket - innerjacket**	S, M, L, XL, XXL, 3XL, 4XL, 5XL

Declaration of conformity*:

Features: These garments are Personal Protective Equipment (PPE). They bear the CE marking as they comply with the requirements of the Regulation (EU) 2016/425 (and following amendments) implemented by issuing within the Official Register of the European Union by March 9th, 2016 relevant to Personal Protective Equipment. Moreover, these garments comply with the requirements of the European Technical Standards EN ISO 13688:2013 + EN ISO 13688:2013/A1 "General Requirements", EN 343:2019 "Protection against rain" and EN ISO 20471:2013+A1:2016 "High visibility clothing".

Source of Information: Beuth-Verlag GmbH, 10787 Berlin, www.beuth.de

*(*The complete declaration of conformity, you can find at: www.big-arbeitsschutz.de)*

EN 13688:2013 + EN ISO 13688:2013/A1 Protective clothing – General requirements
EN 343:2019 Protective clothing - Protection against rain
EN ISO 20471:2013+A1:2016 High-visibility warning clothing for professional use –
Minimum areas of visible material (m^2) referred to the minimum size produced:

Material	Garments class 3	Garments class 2	Garments class 1
background material	0.80	0.50	0.14
retroreflective material	0.20	0.13	0.10
material with combined properties	n.a.	n.a.	0.20

PPE category II

Performances: These garments are suitable to be used in presence of low visibility hazards or in conditions where the presence of the wearer must be highly visible (e.g. roadwork, airports), since they can provide the user with high visibility in dangerous situations in any conditions of daylight or when exposed to vehicle lights in darkness. The protection is only given if the garment is not covered. During night protection is only given when light can be reflected.

These PPE items do NOT protect from:

- Chemical hazards
- Caught-in hazards in presence of moving parts
- Mechanical hazards
- Thermal hazards
- Fire crossing and extinguishing hazards
- Hazards different from the ones specified above

Identification and choice: The choice of the suitable garment must be made based on the specific workplace requirements, the type of hazard and the relevant environmental conditions. The employer is responsible for the identification and choice of the suitable and adequate PPE. Therefore, it is opportune to verify the suitability of this garment to your requirements before use.

Warnings: Make a visual check of the garment before use, to verify it has no damages, and is in perfect conditions, clean and intact. In the case of visible damages (e. g. unstitched seams, breaks) the garment must be replaced. The garment complies with the safety features only if worn perfectly and in perfect state of preservation. Alterations of PPE garments are not allowed. Preserve this manufacturers' informative note throughout the entire life of PPE. We decline any responsibility for possible damages and/or consequences arising from improper use.

Instructions of use: If the garment is damaged, please don't repair it, but change a new one.

Instructions for storage, maintenance and transportation: Store in the original packing, protected from sources of light and heat sources (e.g. sun). The garment must be preserved in a dry place. Avoid the contact with solvent which might cause alteration of the products features. For transportation, do not take garments out of the original packing, but keep them in.

Cleaning: 

max. 5 x

Wash with same or similar colours. Do not use softener or non-ionogenic detergence! Reshape while damp. Line dry.

The test results for colour and luminance had been determined by the certifying-institute after 5 washing-cycles. No impairment of appearance or functionality could have been detected. Information about the maximum number of washing-cycles requires additional testing.

The number of washing-cycles is not the only influencing factor for the durability of garments. The life-span is also determined by usage/application, care/maintenance, disinfection, storage, et cetera. We recommend a usage within 3 years after bringing the product into service, obeying an appropriate storage and intended use. In case the PPE shows fading of colour, damage of the retro-reflective material or any other flaws at an earlier date, the PPE must be replaced promptly.

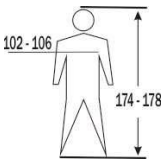
If you do not obey these care-instructions, the safety-application of the PPE can be considerably reduced.

Produktion der PSA:  **xx/2023**

Recycling, safe destruction and elimination: This garment can be thrown in a regular garbage can.

Marking: a label is sewn to the inside of the garment, with the following marking:

CE the CE marking certifies the compliance with the essential safety requirements set forth by the Regulation (EU) 2016/425.



Warnschutzbekleidung / high-visibility garment
(4109) Jacke TORONTO, orange (article-no./colour = example)
Größe / size: L (indicates the size= example)

size-chart: for your own safety, please choose the correct size from this chart (all measurements in cm):

	S	M	L	XL	XXL	3XL	4XL	5XL
Chest circumference	86-94	94-102	102-110	110-118	118-126	126-134	134 – 142	142 - 150
Body height	168-172	172-176	176-180	180-184	184-188	188-192	192 – 196	196 - 200



Symbol that shows you should read the manufacturers' informative note before using the product.



EN ISO 20471:2013+ A1:2016

3 = class of the visible material in m² according to chart on previous page.
(The classification of the garment is determined by the smallest area of visible material)



EN 343:2019

3 = water penetration according to below mentioned chard.

1 = moisture-vapour penetration according to below mentioned chart.

x = ready-made garment optional tested in rain-tower (x = not tested)

water penetration W_p	class 1	2	3
Specimen to be tested - material before pre-treatment	$W_p \geq 8\,000$ Pa	No test required[a] $W_p \geq 8\,000$ Pa	No test required[a] $W_p \geq 13\,000$ Pa
- material after each pre-treatment	No test required		
- seams before pre-treatment	$W_p \geq 8\,000$ Pa	$W_p \geq 8\,000$ Pa	$W_p \geq 13\,000$ Pa

[a] no test required because the worst case situation for class 2 and 3 isw after pre-treatment.
NOTE: For each class several requirements shall be met.

water vapour resistance R_{et}	class 1[a]	2	3
$\frac{m^2 \cdot Pa}{W}$	R_{et} über 40	$20 < R_{et} \leq 40$	$R_{et} \leq 20$

WARNING: class 1 has limited time of wearability (see next paragraph „Maximum continuous wearing time")

With special performing ventilation-openings and/or time of recovering, the wearing time can be prolonged.

temperature of enviroment in °C	class 1 R_{et} above 40 min.	2 $20 < R_{et} \leq 40$ min.	3 $R_{et} \leq 20$ min.
25	60	105	205
20	75	250	---
15	100	---	---
10	240	---	---
5	---	---	---

„---" means: no limit of wearing time.

These instructions for use and storage were approved under the certification-no.: **19/1273/02/0161**
by the notified body-no.: **0161**

AITEX Textile Research Institute, Carretera Banyeres 10, 03802 Alcoy, Spanien

in the occasion of the issuance of the CE compliance certificate, as provided by the standard EU 425/2016 for Class II and III Personal Protective Equipment (PPE).

Material: 100 % polyester with polyurethane-coating, Contrast-material: 100 % polyamide with polyurethane-coating, Lining: 100 % polyester. Padding: 100 % polyester.

Under normal use conditions, this product does not release any substances that are generally known to be toxic, carcinogenic, mutagenic, allergenic, toxic to reproduction or otherwise harmful.

For further information please contact the manufacturer

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