MANUFACTURERS INFORMATIVE NOTE

ATTENTION: Read carefully before use!

Item	Description	Available sizes
433x	PU rain bib-pants KEITUM	S - 3XL

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+A1:2021 "General Requirements" and EN 343:2019 "Protection against rain".

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

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

PPE category I, small risks.

EN ISO 13688:2013+A1:2021 Protective clothing – General requirements

EN ISO 343:2019 Protective clothing - Protection against rain

Intended use: These garments are suitable to be used against the influence of cold and precipitation (e.g. rain, snow), fog and ground humidity. Insulation and waterproofness are the essential properties.

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 (unstitched seams, breaks) the garment must be replaced. The garment complies with the safety features only if worn perfectly and if being in perfect state of preservation. Alterations of PPE garments are not allowed. Preserve the informative note throughout the entire life of PPE. We decline any responsibility for possible damages and/or consequences arising from improper use.

Instructions for 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: 

Wash with same or similar colours. Do not use softener or non-ionogenic detergence, as the particles can damage the water penetration barrier! Accumulation of detergence can have a negative impact on the breathability of the protective clothing. Reshape while damp. Line dry. If necessary, the FC-coating can get renewed by an applicable reimpregnation. The re-impregnation must be fixed by tumble-dry treatment after the application. The number of washing-cycles is not the only influencing factor of durability of garments. The life-span is also determined by usage/application, care/maintenance, disinfection, storage et cetera. Besides the fabric shall not be damaged by needles or clips or other sharp-edged objects. 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 or damage of material or any other flaws at an earlier date, the PPE must be replaced promptly.

Production of the PPE:  **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:



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

Regenbekleidung/rainwear
(4150) Jacke / jacket (art-no. = example)
3XL (indicates the size = example)



Symbol indicates you should read the informative note before using the product.



Y = water penetration according to cart

Y = water vapour resistance according to cart

R = if R test had not been tested, will be replaced with X (optional)

DIN EN 343:2019
Protection against rain

This protective clothing meets the requirements of the European Standard **EN 343:2019 protective clothing - Protection against rain.** This kind of PPE (Personal Protective Equipment) keeps you safe and warm in foul weather.
The characteristic values next to the pictogram grant information on the performance level of this clothing:

water penetration W_p	Klasse 1	2	3	4
Specimen to be tested - material before pre-treatment	$W_p \geq 8\,000$ Pa	No test required[a]	No test required[a]	No test required[a]
- material after each pre-treatment	No test required	$W_p \geq 8\,000$ Pa	$W_p \geq 13\,000$ Pa	$W_p \geq 20\,000$ Pa
- seams before pre-treatment	$W_p \geq 8\,000$ Pa	$W_p \geq 8\,000$ Pa	$W_p \geq 13\,000$ Pa	—
- seams after pre-treatment	—	—	—	$W_p \geq 20\,000$ 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.

Y = resistance to water penetration

(note: higher class of water penetration offers better protection against rain and wet.)

water vapour resistance R_{et}	class 1[a]	2	3	4
$\frac{m^2 \cdot Pa}{W}$	$R_{et} > 40$	$25 < R_{et} \leq 40$	$15 < R_{et} \leq 25$	$R_{et} \leq 15$

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

Y = water vapour resistance

(notice: the lower the Ret-value / the higher the class, the better water vapour can penetrate through the fabric to the outside. High penetration causes a better breathability of the protective clothing.)

Maximum continuous wearing time
The classification of the water vapour resistance is an important indicator for the comfort of the protective clothing.

The recommended wearing time (in min.) for a complete suit (consists of jacket and trousers) without additional thermo-lining:

Umgebungstemperatur °C	Klasse 1 R_{et} über 40 min.	2 $20 < R_{et} \leq 40$ min.	3 $R_{et} \leq 20$ min.	4 $R_{et} \leq 20$ min.
25	60	105	205	—*
20	75	250	—	—
15	100	—	—	—
10	240	—	—	—
5	—	—	—	—

* „—" Bedeutet: keine Begrenzung der Tragedauer

Data are given for moderate physical exertion (M = 150 W/m²), standard man, at 50 % relative humidity and a wind speed va = 0.5 m/s.

Effective ventilation-openings and/or work-breaks can extend the wearing time.

Material: 100 % polyester backing-fabric with polyurethane-coating on the front-side of fabric.

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

BIG Arbeitsschutz GmbH
Koenigsberger Str. 6, 21244 Buchholz, Germany
www.big-arbeitsschutz.de