Manufacturers Information

according to Regulation (EU) 2016/425, Annex II, Section 1.4. (published in the Official Journal of the European Union)

Please read carefully before using! You are required to enclose this information leaflet when passing on the personal protective equipment (PPE), or to present it personally to the recipient. You may therefore reproduce this leaflet at your own discretion.

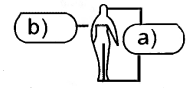
Declaration of conformity

These disposable overalls are classified as personal protective equipment (PPE). The CE mark confirms that the product satisfies the applicable requirements of Regulation (EU) 2016/425.

teXXor		Brand label of the manufacturer
BIG		Manufacturer
4557		Article no. of manufacturer
4B-EINWEG-OVERALL		Name of article
CE	0598	Four-digit number of the testing institute, which monitors the quality assurance of the manufacturer. It is in addition to the CE mark.
		Pictograms with the corresponding numbers of the relevant European PPE standards (example, detailed pictogram representation see following pages).
Typ 5	Typ 6 Typ 4B	Information on the type class
		This symbol indicates that the manufacturer information must be read before use.
		Pictogram of size selection (table)
		Manufacturing date month/year: 0000/00

KEEP AWAY FROM FIRE!

Size information:



Größe	Brustumfang (b)	Körpergröße (a)
S	84-92	162-170
M	92-100	168-176
L	100-108	174-182
XL	108-116	182-188
XXL	116-124	188-194
XXXL	124-132	194-200

B. Explanation and numbers of the standards requirements fullfilled:

Standards retrieved from the Official Journal of the European Union. Available from Beuth Verlag GmbH, 10787 Berlin, www.beuth.de.

The European standards for clothing for protection against chemicals specify 6 types of protection, which are identified by the symbols provided.

EN ISO 13688:2013 Protective clothing – General requirements:

14325:2018 - Protective clothing against chemicals - Test methods and performance classification of

EN 14605:2005+A1:2009 - Protective clothing against liquid chemicals

Performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4])

EN ISO 13982-1:2004+A1:2010 Protective clothing for use against solid particulates – Part 1:

Performance requirements for chemical protective clothing providing protection to the full body against airborne solid particulates (type 5 clothing)

EN 13034:2005+A1:2009 Protective clothing against liquid chemicals:

Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (Type 6 and Type PB [6] equipment)

14126:2003+AC:2004 - Protective clothing - Performance requirements and test methods for protective clothing against infective agents

1149-5:2018 - Protective clothing - Electrostatic properties

The protective clothing is in accordance with EN 1449-5:2018, material performance and design requirements. It is NOT allowed to open or take off the protective clothing in potentially explosive atmosphere.

EN 1073-2:2002 - Protective clothing against radioactive contamination

Part 2: Requirements and test methods for non-ventilated protective clothing against particulate radioactive contamination

Performance - Levels and classes:

Test material	Result	Class
EN 14325		
Resistance to penetration ISO 6530		
Sulphuric acid 30%	0%	3
Sodium hydroxide 10%	0%	3
o-Xylene	22%	n.c.
Butan-1-ol	77%	n.c.
Resistance to permeation (EN ISO 6529)		
Sulphuric acid 30%	34 min	1
EN 14325		
Abrasion Resistance (EN 530 method 2)	300 cycles	2
Trapezoidal tear resistance (EN ISO 9073-4)	Long 55 N Trasv 26 N	2
Tensile strength (EN ISO 13934-1)	Long 110 N Trasv 45 N	2
Puncture resistance (EN 863)	12	2
Flex cracking resistance (EN ISO 7854 method B)	100.000 cycles	6
Blocking resistance (EN 25978)	No adherence	pass
Electric surface resistance		
Electric surface resistance (EN1149-5)	< 1,2 x108 Ω	pass
supervised product checks		
pH (fabric)	9,4	pass
pH (knitted Cuffs)	5,9	pass
Spray test (type 4) EN ISO 17491-4 – met. B	pass	pass
Aerosol penetration (Typ 5)	Ljmn 82/90≤30% Ls,8/10≤15%	pass
(EN ISO 13982-2)	(TILE): 1,69v (TILA): 1,46 NpF 68,5	pass
Sulphuric acid (heat taped seams)	17 min	1
Sulphuric acid 30% (bound seams)	34 min	2
Seams tensile strenght (EN ISO 13935-2) (taped seams)	77 N	3
Seams tensile strenght (EN ISO 13935-2) (bound seams)	91 N	3
EN 14605 Spray test (type 4)	pass	
EN 13034 Spray test (type 6)	pass	
EN 1073-2 Protective clothing against radioactive contamination	pass	
Resistance against infective agents EN 14126		
Resistance to penetration by blood-borne phatogens - phi-x174 bacteriophage test (EN ISO 16603)	Kpa20	class 6/6
Resistance to penetration by blood-borne phatogens - phi-x174 bacteriophage test (EN ISO 16604)	Kpa 20	class 6/6
Resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids - ISO 22610 (test microorganism: staphylococcus aureus)	T>75min	class 6/6
Resistance to penetration by contaminated liquid aerosols - ISO DIS 22611 (test microorganism: staphylococcus aureus)	log > 5	class 3/3
Resistance to penetration by contaminated solid particles - EN ISO 22612 (test microorganism: spores of Bacillus subtilis)	log ufc ≤ 1	class 3/3

C. Purpose, applications and risk assessment:

Geeignet zum Schutz des Trägers bei Reinigungsarbeiten in der Industrie mit niedrigem Druck und Gebäudereinigung, Schiffsbau und Automobilbau, Chemie-und Pharmaindustrie, Umgang mit Farben und Lacken, Land-und Gartenbauwirtschaft, Schädlings-und Ungezieferbekämpfung, Elektronik und Reinraumbereiche, Asbestarbeiten und Demontagen, Altlastensanierung, Pharmaindustrie und Laborarbeiten, Probenentnahmen, Tierzucht und Veterinärdienst, Müll-und Abfallwirtschaft.

Applications:

This product is a disposable product.
This overall offers protection against dangerous substances and contamination in small quantities and for short-term use. It protects the wearer of the overalls as well as the product. The coveralls are used as protection against airborne particles and limited non-toxic splashes and spray, depending on the circumstances and the level of toxicity.

The protective clothing is in accordance with EN 1449-5:2018, material performance and design requirements. It is NOT allowed to open or take off the protective clothing in potentially explosive atmosphere. Before usage in potentially explosive atmosphere of zone 0 and in existence of explosive gases/steams, it has to be authorized by responsible safety officer. A special application-specific risk assessment has to be conducted. This safety clothing is NOT suitable for protection against mains voltage and may NOT provide sufficient protection in flammable, oxygenated atmosphere. This kind of protective clothing is intended to protect the wearer by electrostatic dissipative behavior against ignitable discharge (minimum ignition energy > 0,016 mJ) in zones 1, 2 ,20 ,21, 22.

In order to guarantee the protective function of the disposable overalls, the following instructions must be observed:

This product complies with the specified technical standards. The choice of PPE must be made according to the requirements of the workplace, the nature of the hazard and the relevant environmental conditions. It should be noted that the actual conditions of use can not be simulated and therefore it is solely the decision of the user as to whether the product is suitable for the intended application or not. The manufacturer is not responsible for improper use of the product. Therefore, a residual risk assessment should be carried out before use to determine if this product is suitable for the intended use.

Observe the printed pictograms and performance levels.

Use restrictions:

The handling of certain chemicals or high concentrations may require the use of materials with high-quality barrier properties, either in terms of the resistance of the material or the processing of the suit. These areas of application are covered by protective clothing of types 1 to 4 or by materials with a higher degree of protection. If your garment has pockets, be careful not to overload them. Even if precautions have been taken for chemicals to escape, users should be informed about the hazards of the chemicals they are handling and should take appropriate precautionary measures. If in doubt, contact the supplier.

It is the sole responsibility of the user to check whether the selected product offers suitable protection for the intended application and whether the appropriate combination of overall and additional equipment has been selected. For complete protection, all openings must be securely closed, but the user must determine the heat generation and take appropriate precautions. Any heat build-up in the suit while it is being worn can be prevented by using suitable underwear, cooling devices or appropriate ventilation systems. The manufacturer assumes no liability for disposable overalls that are not used in accordance with their intended purpose.

The product is not suitable for use with heat and open flames or with solvents.

D. Cleaning, care and disinfecting:

Care instructions:

This product is a disposable single use product and therefore should not be washed, bleached, tumble-dried, ironed, professionally dry cleaned or wet cleaned.

Before using the PPE, check that it is undamaged and in a clean and perfect condition. In the event of visible damage, the clothing must be replaced. The clothing only meets the safety requirements if it is worn correctly and in top condition. Changes to the PPE are not permitted. Keep the information brochure during the entire period of use of the PPE. We are not responsible for any damage and / or consequences resulting from improper use.
When using PPE clothing with a barrier function against chemicals, the user must reckon with impairments in wearing comfort. Depending on the physical constitution and the activity of the user as well as the external circumstances, the wearing time must be determined accordingly.

E. Storage and ageing:

Keep in a cool, dry place; do not expose to direct sunlight; keep away from any ignition sources; store in the original packaging if possible. The mechanical properties of the products will not change for a period of up to 3 years from the manufacturing date, provided they are stored as recommended. A precise service life cannot be stated, as it depends on the type of use and on whether the user ensures that the products are used exclusively for their intended purpose. The manufacturing date (month/year) is stated on the products.

F. Disposal:

Used products may be contaminated with environmentally harmful or hazardous substances. Dispose them in accordance with applicable local laws.

G. Material composition:

"Spunbond Meltblown Synthetic" (Spinnvlies/SMS) aus Polypropylen, Polyethylene, Gewicht: 65 g/m²

H. Packaging:

This item will be delivered in a uniform cardboard box with a content of: 50 Stück.
In addition, every single overall is packed in a PE bag.

I. Health risks:

There have been no reported incidents of allergies provoked by use of the products for their intended purpose. You should nonetheless consult a doctor or dermatologist if you experience an allergic reaction.

Notified body responsible for the EU Type Examination:

Centro Tessile Cotoniero e Abbigliamento S.p.A.
Piazza S. Anna, 2
21052 Busto Arsizio (VA) / Italia
Notified Body Nr.: 0624

in accordance with EU Regulation 2016/425.

Notified body that monitors the manufacturer’s quality assurance based on the production process (module D, in accordance with Annex VIII of PPE regulation (EU) 2016/425):

SGS Fimko Oy,
Takomotie 8
FI-00380 Helsinki,
Finland
Notified Body Nr.: 0598

Manufacturer’s name and address:

BIG Arbeitsschutz GmbH, Königsberger Str. 6, 21244 Buchholz/Nordheide, Germany

For the full Declaration of Conformity and additional technical information, please visit:

www.big-arbeitsschutz.de