

A. Performance of coverall:

Test on whole suits	Result	Performance Level
General requirements for protective clothing (EN ISO 13688:2013+A1:2021)	Pass	-
Resistance to aerosol penetration Inward leakage type 5 (EN ISO 13982-1:2004+A1:2010)	Pass	-
Protection against small amounts of spray or accidental splashes type 6 (EN 13034:2005+A1:2009, EN ISO 17491-4:2008+A1:2016)	Pass	-
Seams: strength (EN ISO 13935-2)	>75 < 125 N	Class 3
Resistance to penetration to liquid (EN ISO 6530 – EN 13034)	Class 3: < 1% Class 2: < 5% Class 1: < 10%	H ₂ SO ₄ 30%: class 3 NaOH 10%: class 3 o-xilene: - Butan-1-ol: -
Repellency to liquid (EN ISO 6530 – EN 13034)	Class 3: > 95% Class 2: > 90% Class 1: > 80%	H ₂ SO ₄ 30%: class 3 NaOH 10%: class 2 o-xilene: - Butan-1-ol: -
Abrasion Resistance (EN ISO 13982-1, EN 13034, EN 530 - method 2)	Class 2	> 100 cycles
Trapezoidal tear resistance (EN ISO 13982-1, EN 13034, EN ISO 9073-4)	Class 2	> 20 N < 40 N
Tensile strength (EN 13034, EN ISO 13982-1, EN ISO 13934-1)	Class 2	> 60 N < 100 N
Puncture resistance (EN 13034, EN ISO 13982-1, EN 863)	Class 1	> 5 N < 10 N
Flex cracking resistance (EN 7854 method B)	Class 6	> 100 000 c.
Test for inward leakage (ISO 13982-2)	Pass	-
pH (EN ISO 13688:2013+A1:2021, EN ISO 3071:2020)	Pass	3.5 > pH > 9.5
Azo colorants which release carcino-genic amines	Pass	-

The overall SMS has been tested and passed the following standards: EN ISO 13982-1:2004+A1: 2010 (Typ 5), EN 13034:2005+A1:2009 (Typ 6) and EN ISO 13688:2013+A1:2021. These are compliant with Regulation (EU) 2016/425 for personal protective clothing.

B. Marking:

Each coverall is identified with an inside label. This indicates the type of protection offered and other details of information.

CE marking guarantees the free circulation of products and goods within the European Union. CE-marked product complies with the essential requirements of the European Regulation (EU) 2016/425.

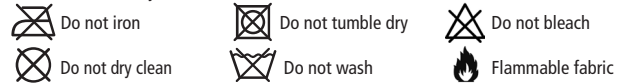
Size designation:

Size	Chest circumference	Body height
M	92-100	168-176
L	100-108	174-182
XL	108-116	180-188
XXL	116-124	186-194
XXXL	124-132	194-200

EN standard icon definition:

indicates standard EN ISO 13982-1:2004+A1:2010 for fine, dry particles type 5 and standard EN 13034:2005+A1:2009 for reduced spray, limited splash type 6.

International care symbols:



C. Application and limitations of use

The SMS coverall is used as protective clothing against certain chemicals, liquid aerosols and airborne solid particles as well as asbestos. Details can be found in the performance data table. Usage and purposes other than those specifically included in these instructions are not permitted. This product is designed to protect the head and body. Always inspect for holes, tears, material damage or incomplete seams before use to ensure maximum protection. Do not don the coverall if the zipper is faulty or the elastic bands are loose. The knitted cuffs, ankle cuffs and hoods must be taped with solvent-resistant adhesive tape. The same tape must be used on the outside along the entire zipper cover, ensuring that the tape extends beyond the lower edge of the flap. When in use, a face mask must be taped to the hood. The full text of the EU declaration of conformity is available at the following internet address: www.franz-mensch.de

D. The expected shelf life of the garment

The user or supervisor are the ones who can most accurately determine how long a coverall can be worn. The expected shelf life of the garment can be more than 5 years if the coveralls are kept in its original packing in a cool and dry place.

E. Instructions for fitting and removal

Care must be taken to ensure that the size of the coverall matches the user. **To don the coverall:** Firstly unzip the coverall and then slip into the trousers. Pull the coverall over the whole body, slip in the sleeves, before finally pulling the hood to cover the head. **To remove the coverall:** Firstly unzip, follow by taking off the hood and sleeves, and finally take off the trousers.

F. Usage restrictions

To select an appropriate suit, all specific operating conditions designed for usage of different suits must be carefully considered and evaluated. When selecting a suitable suit you should also consider, without limitation, workplace conditions and characteristics, the kind of work to be performed, work rates and any risks other than chemical risks. The coverall SMS shall not be used in areas where there is a risk of exposure to certain hazardous chemicals that have not been tested. The user alone determines the suitability of the garment for the required protection and the correct combination of coverall and additional equipment. Parts of the body not covered by the coveralls (hands, face and feet) must be protected by suitable devices such as gloves, boots or face masks that provide at least an equivalent level of protection in terms of chemical protection; these devices must be checked for compatibility with the coveralls. The coverall must be kept away from fire. The coverall is intended for single use only. Do not wash for reuse. The coverall is made of breathable material that should not cause heat stress, but the possibility and consequences of heat stress must be considered in very warm conditions. Heat stress can be reduced or pre-vented with suitable underwear and ventilation. The manufacturer shall not be liable for any damages arising from misuse and/or failure to properly handle PPE in accordance with these instructions.

G. Warnings

Choose products compatible with area of work. The disposable item must be replaced after each use. If any breaking, punctures etc. occur, leave the working area and wear a new coverall. The user shall not take off the garment when he is still in the risk area. These garments are flammable – keep away from fire.

H. Transport, conservation, storage and discarding

The item should be transported and conserved in a cool, dry place away from sources of light and heat. Do not store the coverall under direct sunlight or close to UV source. Restrictions of disposal depend entirely on any contamination which may have accrued during use. If not contaminated the product can be treated as a common textile waist. If contaminated it should be treated as harmful garbage and discarded according to country laws.

This product has been certified by the notified body

ANCCP Certification Agency srl
Via dello Struggino, 6 – IT-57121 Livorno – Italy
EEC Notified Body N°0302