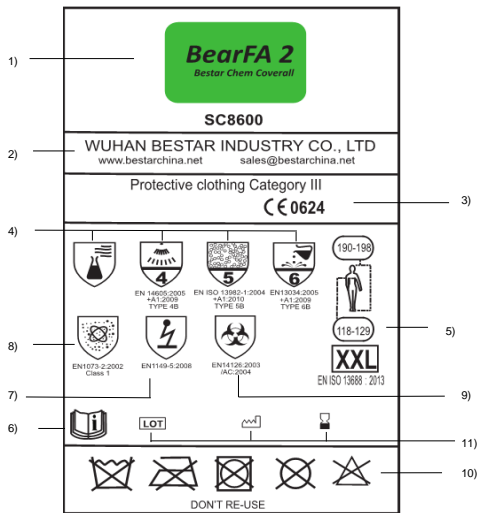




**Instruction for Use
Gebrauchsanweisung
Instructions d'Utilisation**

Manufacturer's information - (EN)
acc. to Regulation (EU) 2016/425, Appendix II, 1.4, CE CAT.III



Marking: Each Coverall is identified by an inner label indicates the type of protection levels and classes, together with some further information for use.

Use: garments object of these instructions and information are in compliance with European standards and they are suitable for the below mentioned usage; they are not suitable for all non-mentioned usage. (in particular concerning all kinds of risks related to third category according to Regulation (EU) 2016/425)

1. BearFa 2 SC8600 is the model name for a protective coverall with hood, elasticated wrist, ankles and waist, zipper front with storm flap, bound seam
2. Manufacturer of the garment
3. CE marking- signifying compliance with PPE of category III according to European legislation Notified Body number of body issuing Article 11 approval. EC Type examination is by Centro Tessile Cottoniero e Abbigliamento S.p.A, Piazza Sant'Anna, 2-1-21052 Busto Arsizio(VA), EC Notified Body Number 0624 (Regulation (EU) 2016/425 for Personal Protective Equipment – module C2). The chosen Notified Body for Conformity to type assessment is: Centro Tessile Cottoniero & Abbigliamento S.p.A. (Centrocot), Piazza Sant'Anna 2
4. European Standards for Chemical Protective Clothing are defined six types, which are symbolized in one pictogramm.



- Type 1: Gas tight clothing
- Type 2: Non gas tight clothing
- Type 3: Liquid tight clothing
- Type 4: Spray tight clothing
- Type 5: Particle tight clothing
- Type 6: Limited splash tight clothing

Wuhan Bestar Industry product BearFa 2 SC8600 specification to the protection types of European Standards

BearFa 2 SC8600 coveralls offer protection type 4, type 5 and type 6.

5. The size table combines the body measurements with standard size S-XXXL. Please check your body measurement and select correct size for comfortable movement.

| Size | Body measurement in cms in compliance with EN ISO 13688: 2013 | | Chest girth | Body Height |
|------|---|-------------|-------------|-------------|
| | Chest girth | Body Height | | |
| SM | 86-94 | 158-166 | XL | 110-118 |
| MD | 94-102 | 166-174 | XXL | 118-129 |
| LG | 102-110 | 174-182 | XXXL | 129-141 |

6. The "open book" symbol informs the wearer to study the "Instructions for Use"

7. BearFa 2 SC8600 coveralls are antistatically treated and offer electrostatic protection according to EN1149-5

8. BearFa 2 SC8600 coveralls offer protection against particulate radioactive contamination according to EN 1073-2:2002

9. BearFa 2 SC8600 coveralls offer protection against infective agents according to EN 14126:2003+AC:2004

10. International care symbols

11. Production Lot number, Manufacture date and valid period



Performance Profile of BearFa 2 SC8600 on Fabric

| Physical data | Test method | Result | Class |
|---|---|------------------------------------|---------------------|
| Abrasion resistance | EN 530 method 2 | >1500cycles | 5/6 |
| Puncture resistance | EN 863 | 11.4N | 2/6 |
| Flex cracking Resistance | EN ISO 7854 method B | >100.000 cycles | 6/6 |
| Tensile Strength | EN ISO 13934-1:2013 | 110N warp, 60N weft | 2/6 2/6 |
| Trapezoidal Tear Resistance | EN ISO 9073-4 | 32.8N weft 57.9N warp | 3/6 3/6 |
| PH value | EN ISO 3071:2006; EN ISO 13688 | 3.5 > pH > 9.5 | Pass |
| Electric surface resistance / Charge decay | ANSI/ESD STM 2.1:2013 – test condition EN 1149-1 | ≤ 2.5 x 10 ⁹ | Pass |
| Ignition and flammability | (EN 13274-4 – EN 1073-2) | Pass | |
| Blocking resistance | EN25978-EN1073-2 | Pass | |
| Amines | EN ISO13688-ISO3071 | Pass | |
| Penetration and repellency on fabric by | liquid in accordance with UNI EN ISO 6530:2005+ UNI EN 14325:2005 | Repellency | Class |
| H ₂ SO ₄ (Sulphuric acid) 30% | EN ISO 6530-EN13034 | >95% | Class 3 |
| NaOH(Sodium hydroxide) 10% | EN ISO 6530-EN13034 | >95% | Class 3 |
| α-xylene | EN ISO 6530-EN13034 | >90% | Class 2 |
| Butan 1 ol | EN ISO 6530-EN13034 | >95% | Class 3 |
| EN14126:2003+AC:2004 | | | Penetration Class |
| Resistance to penetration by blood-borne phatogens - phi-x174 bacteriophage test | ISO 16603/16604 | | <1% Class 3 |
| Resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids | ISO 22610 (test microorganism: staphylococcus aureus) | | 6/6 |
| Resistance to penetration by contaminated liquid aerosols - ISO DIS 22611 (test microorganism: staphylococcus aureus) | ISO DIS 22611 (test microorganism: staphylococcus aureus) | | 3/6 |
| Resistance to penetration by contaminated solid particles | - EN ISO 22612 (test microorganism: spores of Bacillus subtilis) | | 3/6 |
| Permeation by liquids | (EN ISO 6529 - EN 14605) | H2SO4 30% Class 1 | NaOH 10% Class 1 |
| Performance Profile of BearFa 2 SC8600 on whole suits | | | |
| Tensile strength on seams | EN ISO 13935-2 | 97N | 3/6 |
| Nominal protection factor | EN ISO 13982-2 – EN 1073-2 | | Class 1 |
| Resistance to aerosol penetration Inward leakage type 5 | EN ISO 13982-2 – EN ISO 13982 | Ljmn 82/90 ≤ 30% L s 8/10 ≤ 15% | Pass |
| Resistance to liquid penetration Spray test type 6 | EN ISO 17491-4 met. A – EN 13034 | | Pass |

PREPARATIONS BEFORE USE:

Do not use incorrect coveralls in case of aully zipper, seams or any other defect, please contact **Wuhan Bestar Industry**. The correct size combined with correct dressing and a closed zipper protected by flap assures the protective performance of the coverall.

LIFETIME: it is suggested to use the product within a period of five years from the date of production written on label

WARNINGS:

- 1) Choose products compatible with area of work
- 2) The disposable item must be replaced after every use
- 3) If any breaking, punctures etc. occur, leave the working area and wear new coverall.
- 4) The prolonged wearing of chemicals protective suits may cause heat stress. Heat stress and discomfort can be reduced or eliminated by using appropriate undergarments or suitable ventilation equipment
- 5) The person wearing the electrostatic dissipative protective clothing shall be properly earthed. The resistance between the person and the earth shall be less than 10¹⁰ Ω e.g. by wearing adequate footwear;
- 6) Electrostatic dissipative protective clothing shall not be open or removed whilst in presence of flammable or explosive atmospheres or while handling flammable or explosive substances;
- 7) Electrostatic dissipative protective clothing shall not be used in oxygen enriched atmospheres without prior approval of the responsible safety engineer;
- 8) The electrostatic dissipative performance of the electrostatic dissipative protective clothing can be affected by wear and tear, laundering and possible contamination;
- 9) The method provides a measure of the inward leakage into protective clothing by dry aerosol particles (generated from a sodium chloride solution) having a mass-median aerodynamic diameter of 0,6 μm
- 10) These garments are flammable - Keep away from fire.
- 11) Abandon the place of work immediately in case of damage of the product. The user shall not take off the garment when he is still in the risk area
- 12) The user shall be the sole judge for correct combination of full body protective coverall and ancillary equipment (gloves, boots, respiratory PPE equipment etc).

Wuhan Bestar Industry cannot accept responsibility for any improper use of garments.

STORAGE AND DISPOSAL

BearFa 2 SC8600 coverall can be stored in accordance with normal storage practices and disposed of without harm to the environment. Restrictions on disposal depend solely on contamination during use. If in doubt please contact your supplier or **Wuhan Bestar Industry** for the correct procedure.

EU DECLARATION OF CONFORMITY:

The Eu declaration of conformity accompanies the PPE



Wuhan Bestar Industry Co., Ltd
Address :Fuxinghuiyu No 4 building, 1-24 floor, No 1 room,
Xudong Road, Wuchang, Wuhan, HUBEI PR. China, 430062
www.bestarchina.net
Email: sales@bestarchina.net