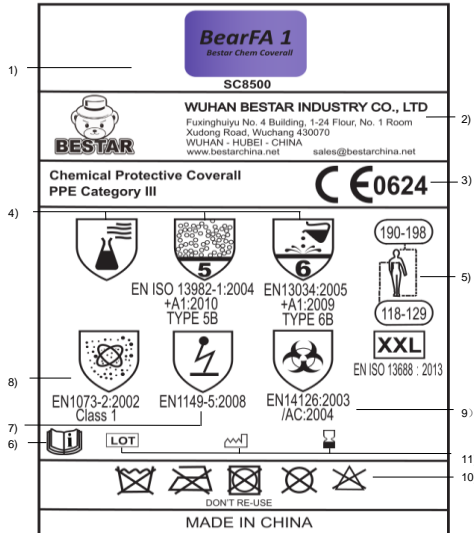




Instruction for Use
Gebrauchsanweisung
Instructions d'Utilisation

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



- 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 1 SC8500 specification to the protection types of European Standards

BearFa 1 SC8500 coveralls offer protection 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		Size	Chest girth	Body Height
	Chest girth	Body Height			
SM	86-94	158-166	XL	110-118	182-190
MD	94-102	166-174	XXL	118-129	190-198
LG	102-110	174-182	XXXL	129-141	198-206

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

7. BearFa 1 SC8500 coveralls are antistatically treated and offer electrostatic protection according to EN1149-5

8. BearFa 1 SC8500 coveralls offer protection against particulate radioactive contamination according to EN 1073-2:2002

9. BearFa 1 SC8500 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 1 SC8500 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, 2/6	2/6
Trapezoidal Tear Resistance	EN ISO 9073-4	60N weft, 2/6	2/6
PH value	EN ISO 3071:2006; EN ISO 13688	3.5 > pH > 9.5	Pass
Electric surface resistance (ANSI/ESD STM 2.1:2013 – test condition EN 1149-1)	EN 1149-1		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	Penetration Class
H ₂ SO ₄ (Sulphuric acid) 30%	EN ISO 6530-EN13034	>95%	Class 3 <1%
NaOH(Sodium hydroxide) 10%	EN ISO 6530-EN13034	>95%	Class 3 <1%
o-xylene	EN ISO 6530-EN13034	>90%	Class 2 <1%
Butan 1 ol	EN ISO 6530-EN13034	>95%	Class 3 <1%

EN14126:2003+AC:2004

Resistance to penetration by blood-borne pathogens - phi-x174 bacteriophage test	ISO 16603/16604			class 6
Resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids	ISO 22610 (test microorganism: staphylococcus aureus)			class 6
Resistance to penetration by contaminated liquid aerosols - ISO DIS 22611 (test microorganism: staphylococcus aureus)	ISO DIS 22611 (test microorganism: staphylococcus aureus)			class 3
Resistance to penetration by contaminated solid particles	- EN ISO 22612 (test microorganism: spores of Bacillus subtilis)			class 3
Permeation by liquids	(EN ISO 6529 - EN 14605)	H2SO4 30% Class 1 NaOH 10% Class 1		
Performance Profile of BearFa 1 SC8500 on whole suits				
Tensile strength on seams	EN ISO 13935-2	100N		3/6
Nominal protection factor	EN ISO 13982-2 – EN 1073-2			Class 1
Practical performance tests	EN 1073-2			Pass
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 10⁹Ω 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 1 SC8500 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



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