

**BearPro 3FR SC8400**

**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 this 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 kind of risks related to third category according to Regulation (EU) 2016/425



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

1. BearPro 3FR SC8400 is the model name for a protective coverall with hood, elastic wrist, ankles and waist, zipper
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-I-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.

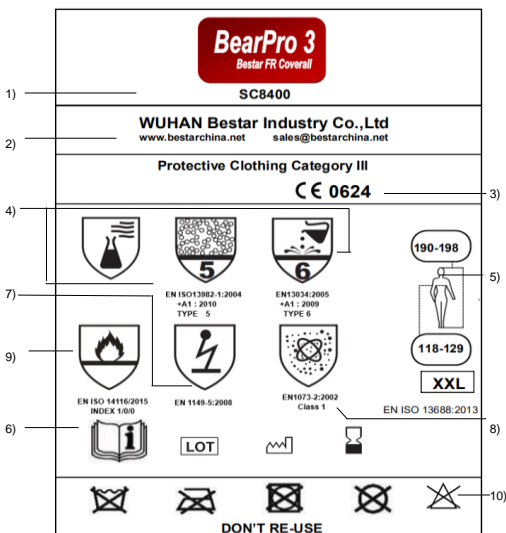


- Type 1: Gas tight clothing
- Type 2: Non gas tight clothing
- Type 3: Liquid tight clothing
- Type 4: Spray tight clothing
- Type 5: Particle tight clothing
- Type 6: Limited splash tight clothing

**Wuhan Bestar Industry** product BearPro 3FR SC8400 specification to the protection types of European Standards BearPro 3FR SC8400 coveralls offer protection type 5 and type 6.

Size	Body measurement in cms in compliance with EN ISO 13688: 2013	Size	Body Height
SM	86-94	XL	110-118
MD	94-102	XXL	118-129
LG	102-110	XXXL	129-141

6. The "open book " symbol informs the wearer to study the "Instructions for Use"
7. BearPro 3FR SC8400 coveralls are antistatically treated and offer electrostatic protection according to EN1149-5
8. BearPro 3FR SC8400 coveralls offer protection against particulate radioactive contamination according to EN 1073-2:2002
9. BearPro 3FR SC8400 coveralls offer protection against heat and flame according to UNI EN ISO 14116:2015 To decrease the risk of burn injury, wear over a thermal protective garment(EN ISO 14116 index 2 or above) in areas with a risk of flame fire and where protection from low level liquid spray and particulates is required
10. International care symbols



Performance Profile of BearPro 3FR SC8400					
Physical data	Test method	Result	Class		
Abrasion resistance	EN 530 method 2	>1500cycles	3/6		
Tensile strength on seams	EN ISO 13935-2	170N	4/6		
Puncture resistance	EN 863	10.5N	2/6		
Flex cracking Resistance	EN ISO 7854 method B	>100,000 cycles	6/6		
Tensile Strength	EN ISO 13934-1:2013	150N warp, 66N weft	3/6		
Trapezoidal Tear Resistance	EN ISO 9073-4	31N weft, 68N warp	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	≤ 2.5 x 10 <sup>9</sup>	Pass		
Resistance to aerosol penetration Inward leakage type 5	EN ISO13982.2-EN ISO 13982	L <sub>gm</sub> 82/90 ≤ 30%, L ≤ 8/10 ≤ 15%	Pass		
Reduced Spray test	EN468(EN13034/05) Type 6	Pass			
Whole suit aerosol test	EN13982-2/04 Type 5	Pass			
Limited flame spread	(EN ISO 15025 A)	Index 1			
Ignition and flammability	(EN 13274-4 - EN 1073-2)	Pass			
Penetration and repellency by liquid in accordance with UNI EN ISO 6530:2005+ UNI EN 14325:2005					
	Repellency	Class	Penetration	Class	
H <sub>2</sub> SO <sub>4</sub> (Sulphuric acid) 30%	EN14325- EN ISO 6530	>95%	Class 3	<1%	Class 3
NaOH(Sodium hydroxide) 10%	EN14325- EN ISO 6530	>95%	Class 3	<1%	Class 3
α-xylene	EN14325- EN ISO 6530	>90%	Class NC	<1%	Class NC
Butan 1 ol	EN14325- EN ISO 6530	>95%	Class NC	<1%	Class NC

**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 10<sup>9</sup>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 offer limited protection against flames. Barrier materials in protection class 1 can melt and holes can form. These overalls offer no heat protection. The overalls may exclusively be worn over heat and flame protection clothing of protection classes 2 or 3.
- 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**

BearPro 3FR SC8400 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.



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