

## Cat III Type 5/6 Microporous Film Coverall—BearEco



International manufacturer to supply, design and produce disposable safety protective products for industry power, food industry, hygiene & cleaning, medical hospital, clean room, beauty salon, household etc

Triumphal Arch Plaza A-1901/1902 room, Xudong Road, Wuhan, Hubei PR. China 430070,

Tel: 86 27 86780128 86 27 86785128

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# Wuhan Bestar Industry Co.,Ltd

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## Product Datasheet



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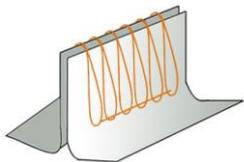
### Basic Specifications

- Item code: #SC8100(white color),
- Brand: BearEco
- Material: Microporous film laminated PP material 55gsm
- Colors available: white colors
- Size available: Size S---3XL, special size available
- Style and design: with hood, elastic wrists and ankles, zipper front with storm flap
- Regular Pack: 1pc/poly bag, 50pcs/ctn or other package
- Country of origin: Hubei, China
- Certificate issued notify body: Centrocot, Italy CE 0624
- Certificate Number: EU Type 1037180307-00-00

### Description of Product

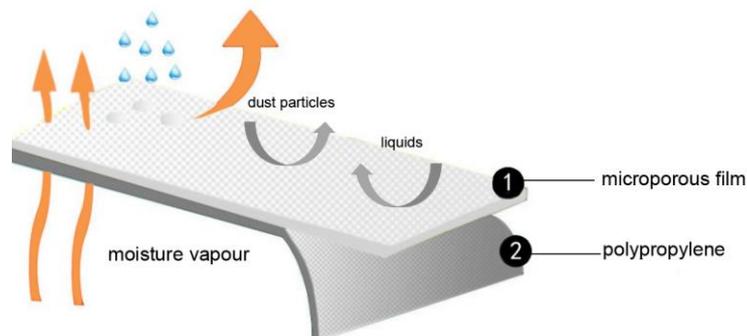
BearEco coverall is made from breathable, lightweight, comfortable and soft microporous film laminated PP two layers material which is commonly used in many working areas. The microporous film coverall is guaranteed to provides both protection and comfort with limited liquid chemicals splashes and particulates. It's with optimized body fit and increased range of movement.

### Stitching Method



**Serge seams**  
**Intensive thread overlapped stitching**

### Fabric Appearance



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### Features

- It's with good breathability and ideal for operatives working in warmer environment.
- Resistance to limited liquid chemical splashes, water, dirt, dust particulates
- The antistatic treatment eliminate static build up.
- The lightweight fabric reduce heat stress
- Ideally for paint spraying

### Quality and Protection Level

- Production under ISO:9001:2015
- CE category III PPE Regulation(EU) 2016/425
- TYPE 5 EN ISO 13982-1:2004+A1: 2010 Protective clothing for use against solid particulates
- TYPE 6 EN13034: 2005+A1: 2009 Protective clothing against limited liquid chemicals
- EN1149-5:2008 Anti-static / Electrostatic
- EN ISO 13688:2013: Protective clothing general requirements
- EN 14325:2004 Protective clothing against chemicals



EN ISO13982-1:2004  
+A1 : 2010  
TYPE 5B



EN13034:2005  
+A1 : 2009  
TYPE 6B



EN 1149-5:2008

**BearEco**  
**Bestar Chem Coverall**

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### Product Design



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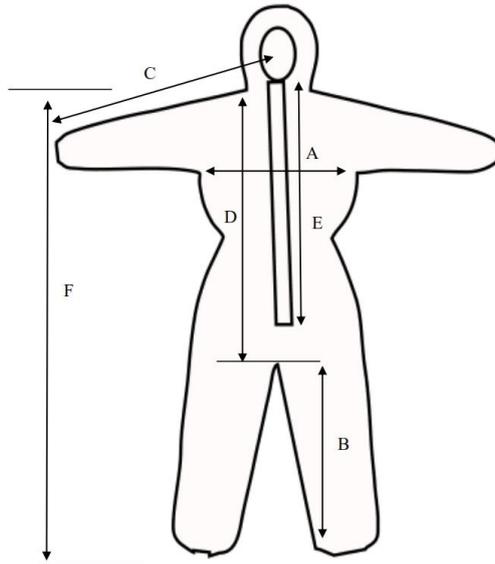
## Product Datasheet

### Size Guide



Size						
cm	86-94	94-102	102-110	110-118	118-129	129-141
158-166	SM					
166-174		MD				
174-182			LG			
182-190				XL		
190-198					2XL	
198-206						3XL

### Size Measurement



Body measurement in cms in compliance with EN ISO 13688: 2013					
Size	Chest girth	Body Height	Size	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

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## Product Datasheet

### Test Data

Performance Profile of BearEco SC8100			
Physical data	Test method	Result	Class
Abrasion resistance	EN 530 method 2	>100cycles	2/6
Tensile strength on seams	EN ISO 13935-2	110N	3/6
Puncture resistance	EN 863	9.4N	12/6
Flex cracking Resistance	EN ISO 7854 method B	>100,000 cycles	2/6
Tensile Strength	EN ISO 13934-1:2013	95N warp, 48N weft	2/6 1/6
Trapezoidal Tear Resistance	EN ISO 9073-4	24.7N weft 50.4N warp	2/6 3/6
PH value	EN ISO 3071:2006: EN ISO 13688	9.4	
Charge Decay	EN 1149-3	t50 <4 s	Pass
Inward leakage		Limn 82/90 ≤ 30%L s	Pass
Reduced Spray test	EN468(EN13034/05) Type 6	Pass	
Whole suit aerosol test	EN13982-2/04 Type 5	Pass	
Penetration and repellency by liquid in accordance with UNI EN ISO 6530:2005+ UNI EN 14325:2005			
		Repellency	Penetration
H <sub>2</sub> SO <sub>4</sub> (Sulphuric acid) 30%	EN14325- EN ISO 6530	Class 3/3 (97.9.0%)	Class 3/3 (0%)
NaOH(Sodium hydroxide) 10%	EN14325- EN ISO 6530	Class 3/3 (98%)	Class 3/3 (0%)
o-xylene	EN14325- EN ISO 6530	Class 3/3 (93.8%)	Class 3/3(0.3%)
Butan 1 ol	EN14325- EN ISO 6530	Class 3/3(97.6%)	Class 3/3(0%)

### Suggested Application

- Industrial manufacturing and maintenance
- Asbestos removal, stripping, clear-up or handling
- Touch-up painting and spraying
- Hygiene rules
- Construction
- Hospital and medical

### Storage

Please stock the goods in dry environment and avoid direct sunlight. Please don't stock the goods in hot environment to temperature above 25°C and humid above 80%. To keep away from high frequency equipment. Generally the shelf life is 5 years. We suggest you use products within 3 years.



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### Instruction for use

Please read the instruction sheet before use. To check the coverall and make sure there is no hole and defect. Open the zipper and put the legs into the coverall, then close the zipper. Choose right coverall size to bring comfortable movement. Please don't re-use if the coverall is broken.

International care symbols:



Do not wash



Do not iron



Do not machine dry



Do not dry clean



Do not clean

### How to select the appropriate products

Firstly please make sure your purpose for use, then choose the right specification product which can bring you the most comforts and safety. If any doubt, please consult the supplier to get relevant information.

Bestar Industry Technical Dept



**A Passion for High-Quality Safety Products Since 2005.**

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