

Description

Basic Specifications

Item code: #SC8500(white color),

Brand: BearFa 1

Material: Microporous film laminated PP material 65gsm

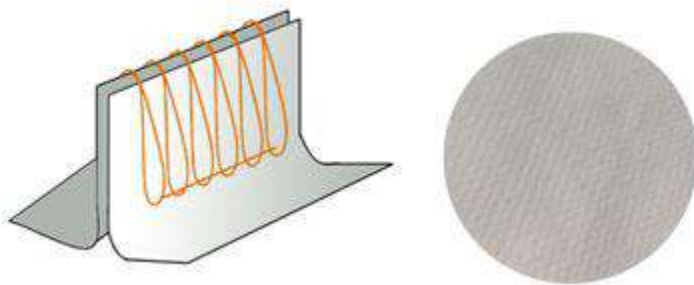
Style and design: with hood, elastic wrists and ankles, zipper front with storm flap

Regular Pack: 1pc/poly bag, 50pcs/ctn or other package

Description of Product

BearFa 1 coverall are made from breathable, durable, comfortable, strong antistatic 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 liquid and particulate. It's with optimized body fit and increased range of movement.

Stitching Method



Serge seams 4 thread overlapped stitching

Features

It's with good breathability and ideal for operatives working in warmer environment.

Resistance to light chemicals, water, dirt, dust.

The strong antistatic treatment eliminate static build up.

It is guaranteed to provides wide range of protection from liquid chemicals and particulates.

It is guaranteed to provides the protection against infective agents

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 Anti-static / Electrostatic

EN14126:2003/AC:2004 Protective clothing against infective agents

EN1073-2:2002 class 1 Protective clothing against radioactive contamination

EN ISO 13688:2013: Protective clothing general requirements

EN 14325:2004 Protective clothing against chemicals



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



EN13034:2005
+A1 : 2009
TYPE 6



EN1073-2:2002
Class 1



EN 1149-5:2008



EN14126:2003
/AC : 2004



Product Design

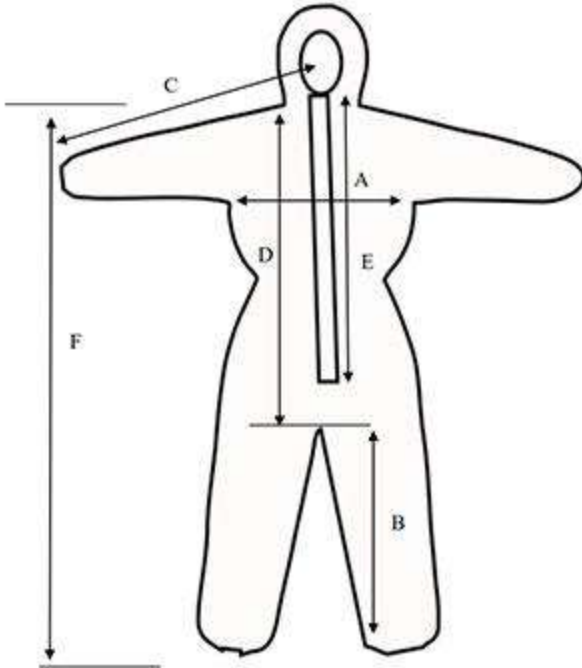


Size Guide



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

Test Data

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, 60N weft	2/6			
Trapezoidal Tear Resistance	EN ISO 9073-4	32.8N weft 57.9N warp	3/6			
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	$\leq 2.5 \times 10^9$	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	Penetration	Class	
H ₂ SO ₄ (Sulphuric acid) 30%	EN ISO 6530-EN13034	>95%	Class 3	<1%	Class 3	
NaOH(Sodium hydroxide) 10%	EN ISO 6530-EN13034	>95%	Class 3	<1%	Class 3	
o-xylene	EN ISO 6530-EN13034	>90%	Class 2	<1%	Class 3	
Butan 1 ol	EN ISO 6530-EN13034	>95%	Class 3	<1%	Class 3	
EN14126:2003+AC:2004						
Resistance to penetration by blood-borne pathogens - phi-x174 bacteriophage test	ISO 16603/16604				6/6	
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)	H ₂ SO ₄ 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 \leq 30% L \leq 8/10 \leq 15%	Pass			
Resistance to liquid penetration Spray test type 6	EN ISO 17491-4 met. A – EN 13034		Pass			

Suggested Application

Hygiene rules

Industrial manufacturing and maintenance

Asbestos removal, stripping, clear-up or handling

Mining, wood and metal processing

Touch-up painting and spraying

Electronic assembly and insulation laying

Veterinary services,

Agriculture and farming