BOSSAUTO INNOVA, S.A.
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TECHNICAL DATA SHEET

1. IDENTIFICATION OF THE PRODUCT

NAME OF THE PRODUCT High Protection disposable coverall CATIII type 4/5/6

CODE 100780 (M)
100781 (L)
100782 (XL)
100783 (XXL)

2. DESCRIPTION

The disposable coverall is made from durable, breathable, comfortable, strong antistatic and soft microporous film laminated PP two layers material which is usually used in many working areas.
It's designed to act as a barrier to infective biological agents. The special design fabric treatment for this high protection coverall is guaranteed to provides wide range of protection from liquid chemicals and particulates.
It's with optimized body fit and increased range of movement.

3. AREAS OF APPLICATION

Disposable coverall is adapted for various applications such as:
Industrial manufacturing and maintenance
Asbestos removal, stripping, clear-up or handling
Fiberglass product manufacturing
Touch-up painting and spraying
Virus, bacteria protection
Electronic assembly and insulation laying
Oil and petrochemicals
Pharmaceutical
Agriculture

4. FEATURES

Designation	High Protection disposable coverall CATIII type 4/5/6
Material	Microporous film laminated PP material
Description	Overall, with comfortable hood design, elastic wrists and ankles, 2-way zipper front with double Storm flap, with serged and heat tape seam.
Size	The sizes go from M to 2XL*
Packing	Single polybag, containing the label of the size in each polybag. 50pcs. Per box

*Specifications about sizes on the next page

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SIZE GUIDE

This sizing chart is only a guide for garment selection. Proper fit varies with individual body shape and underclothing. A good fit helps ensure that your protective clothing provides comfort and protection. Badly fitting garments can restrict wearer movement, and ultimately reduce efficiency, protection and comfort.
Test for proper fit before use.
Appropriate size helps determine your garment's performance.
Choose right size to bring comfortable movement.

Size (cm)	94-102	102-110	110-118	118-129
166-174	M			
174-182		L		
182-190			XL	
190-198				2XL

Choose right size to bring comfortable movement.

TEST DATA

Performance Profile on fabric					
Physical data	Test method	Result		Class	
Abrasion resistance	EN 530 method 2	>1500 cycles		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	11N warp		2/6	
		60N weft		2/6	
Trapezoidal Tear Resitance	EN ISO 9073-4	32.8N weft		3/6	
		57.9N warp		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	Penetration	Class
H_2SO_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	>95%	Class 2	<1%	Class 3
Butan 1 ol	EN ISO 6530-EN13034	>95%	Class 3	<1%	Class 3

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EN14126:2003+AC:2004				
Resistance to penetration by blood- borne pathogens – phix174 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 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 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	
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	

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5. INSTRUCTIONS OF USE

Read all the instructions before use.
Check for holes and defects, open the zipper and put the legs into the coverall, afterwards close the zipper.

CLEANING
Do not re-use if broken.
International care symbols:


Do not wash


Do not Iron


Do not machine dry


Do not dry clean


Do not bleach

6. STORAGE

5 years of shelf life.
Stock the goods in dry environment and avoid direct sunlight.
Keep away from high frequency equipment.


Don’t stock above 50ºC


Humid above 80%

7. PACKGING

Single polybag, containing the label of the size in each polybag. 50pcs. Per box

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8. SAFETY

QUAITY AND PROTECTION LEVEL
Production under ISO: 9001:2015

CE category I PPE Regulation (EU) 2016/425

TYPE 4B EN14605:2005+A1:2009 Protective clothing for against saturation of liquid chemicals

TYPE 5B EN ISO 13982-1:2004+A1 : **2010** Protective clothing for use against solid particulates

TYPE 6B 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