

## Protekclean Antistatic Reusable Garments

### Description:

### Antistatic Coverall



#### Antistatic Coverall (Nonsterile)

- Coverall with hood and booties
- 110 GSM
- Elastic wrist
- Zip down front
- Thumb loop at sleeves (Optional)
- Individually pack
- Customize as per customer requirement
- Supply with COC

#### Advantages:

- Antistatic fabrics are designed to eliminate ESD effect when working with electronics or for super clean lab works. Electrostatic Discharge (ESD) appears when you walk on a carpet or when you wear a wool sweater etc. and it is discharged when you touch some metal thing with a small spark. Such a spark might damage a part of a computer or other electronic part or device.
- To prevent Electrostatic Discharge (ESD) sparks, antistatic fibers integrated in the surface of fabric safely discharge static electricity in the air.
- This kind of garments/cap/booties/facemask which are sewed with ESD fabric, offer extremely good resistance to static, chemicals and abrasion.
- It is designed for Class 100-1000 cleanrooms and higher and it is applicable in medicals, biology.



Fabric	Results	Test Specification
Composition	98% Polyester & 2% Carbon filament yarn	Should meet the specification
Weave (Construction)	2/1 twill, 5mm grid	NA
Weight	107 grs/m <sup>2</sup>	+/-5%
Air Permeability	1,9 cc/cm <sup>2</sup> /sec	ASTM D737-04 RA 2016
Anti-Static Test ( $\Omega$ )	10 <sup>-9</sup> ohm/square	DIN 54345
Tear Strength Warp	2,59 kg	JIS L1096 6.15.5D
Tear Strength Weft	1,54 kg	JIS L1096 6.15.5D
Tensile Strength Warp	100 Kg/5cm	JIS L1096 6.12 – 1A
Tensile Strength Weft	63 Kg/5cm	JIS L1096 6.12 – 1A

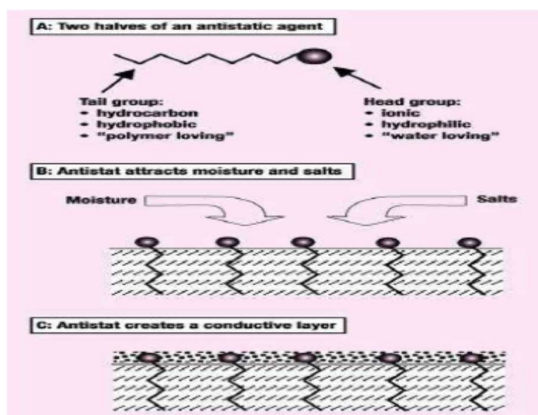
Accessories	Specification
Sewing Thread	100% polyester, Manufacturer Vardhman and Madura coats
Zippers	100% Nylon, Manufacturer YKK
Snaps	Stainless Steel, Manufacturer Kenam
Labels	100% polyester

Sterilization compatibility	Autoclave @ 121 °C for 30 min Gamma irradiation 50 kGy
Sterilization cycles	Up to 80-100 autoclavable cycles (Garment usage & maintenance).
Lint Free (Visual Check)	The garment should be free from loose threads or fibers from stitches and throughout on the garment surface.
Storage Conditions	Stored at 15-35 °C temperature, RH controlled non-humid storage facilities





Size	S	M	L	XL	2XL	3XL
Chest	112	122	132	142	152	162
Height	150	153	158	168	173	180



#### Symbols



#### Description

Machine Wash Cold, Gentle Cycle



Use Only Non-Chlorine Bleach When Needed



Tumble Dry Low



Warm Iron As Needed

