

GARMENT SPECIFICATION SHEET

Cleanroom Sterile Garments - Anti Static

Features:

- Ergonomic protective design
- Compatible for autoclave and gamma irradiation
- Proven cleanroom construction
- Anti-Static & Non-Linting
- Integrated or detached headgear
- Front zip fastening covered with storm flat
- Mandarin Collar
- Raglan or Set-In Sleeves
- Elasticated or fabric ties or plain fit at waist
- Stud fixing at neck
- Stud adjustment or fabric ties at head backside for improved fit
- Stud adjustment or elastic termination at sleeve & ankle
- Seams are twin needle stitched
- Heat sealed edges
- Customer logo thru heat pressed process (on request)
- Woven barcode labels and RFID Tags (on request)

Fabric:

- 98% Polyester filament yarn & 2% Conductive grid
- 99% Polyester filament yarn & 1% Conductive stripes
- 110gsm

Coverall Size:

- Std size S – 4XL
- Non Std size 5XL – Up to wearer fit

Applications:

- Pharmaceutical
- Biomedical
- Chemical
- Electronics Manufacturing

List of Deliverables:

- Coverall, Head Gear, Booties (Pair), Pouch

Colours:



Light Blue



White



Bottle Green



Yellow



Pink



Navy Blue



Grey



RFID possible on request



Light Weight



Breathable



Non Linting



Anti Static

Test Results

PARTICULARS	SPECIFICATIONS		
Fabric Composition	Anti Static - 98% Polyester Filament Yarn & 2% Conductive Grid		
Warp - Polyester Filament Yarn	100 Danier / 96 Filaments		
Weft - Polyester Filament Yarn	100 Danier / 144 Filaments		
Warp - Conductive Yarn	22 Danier / 06 Filaments		
Weaving Structure	Plain, 01 Up / 01 Down		
Weight	110 GSM (± 5%)		
Conductive Yarn Interval	05 mm Grid		
Electro Conductive Yarn	Carbon		
Anti Static Test	Length (Ω)	Cross (Ω)	Diagonal (Ω)
	1 x 10 ⁹ Ω	2 x 10 ⁹ Ω	4 x 10 ⁹ Ω
Particle Filtration (%) 25 mg/m³ VDI 3926	Test Condition	Result	
	0.3 µm / 15 mins	94.6% & 96.3%	
	5.0 µm / 15 min	97.6% & 98.7%	
	0.3 µm / 60 min	98.5% & 98.7%	
	5.0 µm / 60 min	99.4% & 99.3%	
Air Permeability	5.81/dm³ / min & 6.6%		
Class Unit for Clean Room	100 - 1000		
Mean Pore Size	4.06 microns		
Residual Particles Suction Counter Method	Test Condition	Result	
	0.5 µm	1080 P/0.1 M²	
	5.0 µm	725 P/0.1 M²	
	Class	A	
Sterilization Compatibility	Autoclave @ 121°C for 30 min		
Recommended Autoclave Cycles	80 - 100		
Packing Conditions	01 Garment set in a bag		
Garment Accessories	Sewing Thread: 100% Polyester, Make: Guetermann, Germany		
	Zippers & Runners: 100% Nylon, Make: YKK, Japan		
	Stud Buttons: SS, Make: Prism, Germany		
	Elastic: 100% Polyester, Make: Spica, India		

Sizing Information

Reference	S	M	L	XL	2XL	3XL	4XL	TOL
Length (A)	150	152	156	158	158	162	162	± 2
Shoulder (B)	45	48	50	53	55	57	60	± 1
Chest (C) -Half measurement	55	58	62	65	67	69	72	± 2
Hip (D)	57	60	64	65	67	69	72	± 2
In Seam Length (E)	74	72	70	70	70	74	74	± 1
Sleeve Length (F)	62	62	64	65	66	67	67	± 1

* Sizing in Centimeters

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