



VWR® Protection ESD Lab Coats

VWR Protection ESD Lab Coats are effective static-dissipative, reusable garments in the VWR ESD line of apparel. They are manufactured from Cleanroom Class 1000 polyester fabric, with polyester knit cuffs, offering comfort to users and protection for static-sensitive materials. This fabric contains a 2% carbon conductive grid pattern for static dissipation. The knit cuff also contains a 5% carbon conductive yarn woven into the polyester fabric for ultimate ESD control.

- Effectively dissipates static charge
- ESD Knit cuffs prevent foreign materials from landing on your product through sleeve openings
- Color: blue

	S	M	L	XL	2XL	3XL	4XL
Body	38 ½	43	45	47	43 ½	44 ½	46 ½
Chest	21 ¼	23	24 ½	26	29 ½	30 ¾	31
Sleeve	24	24 ½	25 ¼	27	37 ½	38 ¼	39

Size	Cat. No.	UOM	Case of
Small	10769-336	Each	25
Medium	10769-338	Each	25
Large	10769-340	Each	25
X-Large	10769-342	Each	25
2X-Large	10769-344	Each	25
3X-Large	10769-346	Each	25
4X-Large	10769-348	Each	25



Fabric Physical Properties	Test Item		Test Method
	Composition	98% Polyester Filament Yarn + 2% Carbon Filament Yarn	ASTM-D-629
	Weave	2/1 twill, 5mm ESD Grid	
	Density	Warp 165 ends/inch Weft 85 ends/inch	65 ends/cm 35 end/cm
	Yarn Type	Warp Polyester 100D/48F + Conductive Yarn Weft Polyester 100D/48F + Conductive Yarn	
	Surface Resistivity	10 ⁶⁻⁸ (42% R.H., 21C) ohm/square	DIN 54345
	Air Permeability	1.22 c.c./cm ² /sec	JIS L1096-A-1990
	Tensile Strength	Warp 152.96 Kg Weft 84.88 Kg	Tensile Strength Tensile Strength
	Tear Strength	Warp 2050 g Weft 1200 g	Tear Strength Tear Strength

Knit Cuff Physical Properties	Test Item		Test Method
	Composition	95% Polyester + 5% Carbon Yarn	
	Weave	Conductive Knitting Cuff	
	Weight	48 g/y, g/ ±10%	
	Yarn Type	300D Polyester+50D Polyester 20% Conductive Yarn (J-Type)	
	Surface Resistivity	10 ⁸⁻⁹ (42% R.H., 21C) ohm/square	DIN 54345
	Air Permeability	1.22 c.c./cm ² /sec	JIS L1096-A-1990

