

Nstat ESD Control

ESD Lab Coats and Lab Jackets NS-F10 Series

Part No. NS-F10

Nstat F10 is engineered to meet a Class 10 cleanroom's rigid demands for the microelectronics industry. The fabric is designed to guard the product against airborne particles, static dissipative charges, bacteria, and lint. It is made from a dense plain weave 99% multifilament polyester yarn with a microengineered carbon fiber inter-woven into a grid pattern.

Specifications

Material: 99% Polyester / 1% Carbon.

Style: 125-F10 (Raglan sleeves, Military collar, zipper at front opening with snap at top zipper, sleeves with conductive cuff, grid pattern.)

Surface Resistivity: 10e5 to 10e6 Ohms.

Static Decay Rate: 5000 Volts to effective 0 volt in less than 0.01 seconds.

Stitching: Conductive Inner thread.

Weight: 2.92 Oz/sq. yd.

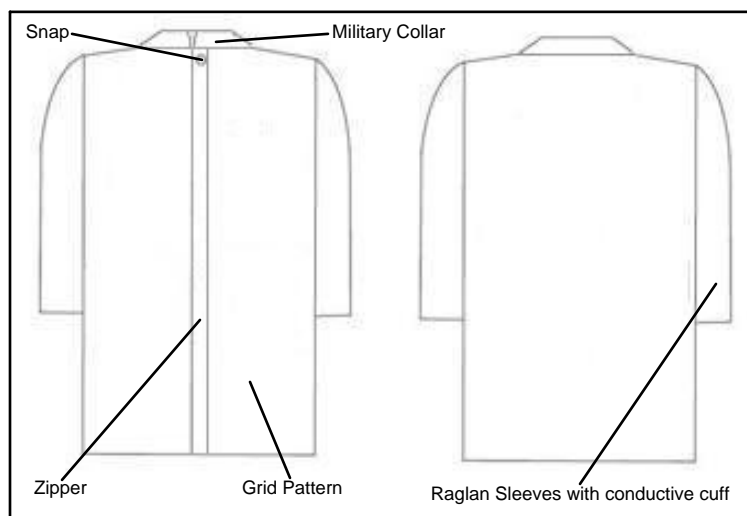
Air Porosity: 3.7 CFM

Color: White

Sizes: X-Small to 2X (Other sizes are available on special orders)

Wash Results

	1x	50x	100x
Mean Pore Size Test Method: ASTM E 1294	20	18.7	20.5
Water Vapor Transmission Test Method: ASTM E 96-2000	6929	7100	6830
Surface Res. (Ohms/Unit2) Test Method: AATCC 76	7.35 x 10e5	1.20 x 10e6	8.05 x 10e6
Static D. 5000 to 50Vs (Sec) Test Method: FTMS 4046101C	< 0.01	< 0.01	< 0.01
Air Porosity (ft3/min/ft2) Test Method: ASTM D 737	6.75	7.55	6.54
Tensile Strength (lbs) Test Method: ASTM D5034 Warp:	200	190	187
Fill:	159	135	128



P R O D U C T D A T A S H E E T

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PRODUCT
ESD Lab Coats

ITEM NUMBER
SEE ABOVE



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