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ESD NYLON CLOTH

TECHNICAL DATA SHEET AND LAUNDRY INSTRUCTIONS

FABRIC WEIGHT	5 oz. Per square foot
COLOR SELECTIONS	Royal Blue or White
FABRIC CONTENT	80% Polyester, 19% Cotton, 1% modified nylon in woven grid pattern
SURFACE RESISTIVITY	Electrical resistivity influences the accumulation of electrostatic charge on a fabric. Specimens conditioned at 50% relative humidity and 70° F are tested for resistance to passage of electrical current. The surface resistivity should be less than 10 ¹¹ ohms
VOLTAGE DECAY TEST	Using a standard test procedure to apply both positive and negative 5000 volt charges to fabric samples, the time required for a specimen to drop 10% of charge potential and for complete dissipation of the charge are measured. The shorter the time to zero voltage, the better a material's ability to dissipate a charge induced on the surface is when grounded.

TEST RESULTS:

Description Surface Voltage Decay resistivity Time (sec. Ohms/unit sq.) to < 10% orig.

Unlaundered: 2.6×10^6 <0.01 Seconds

25 Launderings: 4.7×10^8 <0,01 Seconds

50 Launderings: 4.8×10^9 <0.01 Seconds

LAUNDRY INSTRUCTIONS:

Wash in cool or cold water, hand dry or dry at 120° F or less. Do not bleach. The carbon-suffused monofilament nylon is sensitive to heat and should not be exposed to laundering heat in excess of 120° F. Wash at 90° F (Maximum) and tumble dry at low heat or hand dry.