

# ElectraWear Advanced ESD Jacket for Static Control



ElectraWear Advanced ESD smocks are designed to be low tribocharging and anti-static thus shielding ESD susceptible items from the electrostatic fields generated on the technician's clothing.

This garment is constructed of polyester and a minimum of 4% carbon suffused nylon monofilament interwoven throughout the garment in a cross hatch pattern.

This static control garment meets the latest ANSI ESD standards for a "Groundable Static Control Garment" (when used with ground cord) or as a "Static Control Garment" (if used without ground cord).

This garment is approved for use in class 1,000 plus clean room environments and is also available with an optional fabric that is approved for use in class 100 clean room environments.

**Electrical Specifications:**

Test Method ANSI/ESD STM2.1	Typical Reading	Limit
ANSI/ESD STM2.1 Static Control Garment	2.48E06 (pass)	<1.0E11
ANSI/ESD STM2.1 Groundable Static Control Garment	2.42E06 (pass with ground cord)	<1.0E09

**More Information:** ElectraWear ESD Smocks are designed for fast, thorough and complete shielding of user induced static charges. These garments are ANSI/ESD S20.20-2014 TR-53 test friendly. When used without the optional ground cord these garments are compliant to ANSI/ESD S20.20-2014 STM2.1, "static control garment". When grounded using the optional smock ground cord they are compliant to ANSI/ESD STM2.1, "Groundable Static Control Garment." The typical electrical resistance of this garment, the human body and the standard smock ground cord is 2.42E06 @ 29.3rH and 70 degrees F. Typical panel to panel and sleeve to sleeve resistance: 2.48E06 @ 29.3%rH and 70 degrees F.