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Static Dissipative, Buried Conductive Layer, Field Service Kit Material

Style #'s 3905 (Red/Red) & 3983 (Blue/Blue)

DURA-STAT™ FIELD SERVICE KIT MATERIAL is a high-performance, flexible, static dissipative fabric with a buried conductive layer specifically designed for use as Field Service Kits. This product features a unique multi-layer construction. The top and back surfaces are a proprietary vinyl blend, engineered to be semi-conductive, non-tacky, color stable, durable and dirt/stain resistant. The buried conductive layer is the primary path to ground within the structure. Internally, there is a woven textile that imparts dimensional stability, allows the finished fabric to be sewn and delivers superior resistance to tearing. Additionally, the structure, once fabricated into a finished kit, can be folded indefinitely without evidence or reverting to its original, flat position, thus enhancing portability. This material is also excellent for use as equipment covers, transport material handling slings, bulk resin handling bags, etc.

DURA-STAT™ FIELD SERVICE KIT MATERIAL is engineered to meet the requirements of MIL W-87893 WORKSTATION, ELECTROSTATIC DISCHARGE (ESD) CONTROL, Type III work surface, portable, flexible. The unique construction provides the same resistance-to-ground measurement from any point on the material.

Weight:	Red/Red	18 oz/sq. yd
	Blue/Blue	14 oz/sq. yd
Standard Colors:	Red/Red and Blue/Blue, custom colors available.	

TYPICAL PROPERTIES-ELECTRICAL

Resistance R_{TT} – (EOS/ESD S4)	
@10 Volts, 12% RH (R_{TT})	$10^6 – 10^7$ Ohms
@ 100 Volts, 50% RH (R_{TT})	$10^6 – 10^7$ Ohms
Resistance R_{TG} – (EOS/ESD S4)	
@10 Volts, 12% RH (R_{TG})	$10^6 – 10^7$ Ohms
@ 100 Volts, 50% RH (R_{TG})	$10^6 – 10^7$ Ohms
Min/Max Temperature Range	-10° F to +140° F
Flame Retardancy – (FAR 25.853)	
Vertical Test	15 second burn

The information provided is the best currently available and has been obtained by prevailing test methods. It is true and accurate to the best of our knowledge at this time. The information is provided as guidelines, should not be considered as specifications and is subject to revision as additional knowledge and experience on this product are gained.