

DURATUFF[®] 4798 ESD

Antimicrobial Conductive Coated Gurney/Mattress Fabric

Description: **DURATUFF[®] 4798 ESD** is a high-performance, flexible, vinyl covered fabric for use as mattress ticking, gurney mattress covers, drapery/clean room curtains, chair underlays and other applications requiring a sewn or heat-sealed fabrication. Electrically, the product features a black conductive front and static-dissipative colored back. The unique multi-layer construction is engineered to be able to be stitched, dimensionally stable, flame resistant, fluid proof, non-tacky, color stable, durable, mildew/fungal resistant, antibacterial and dirt/stain resistant. Standard colors are black/green

TYPICAL PHYSICAL PROPERTIES

Test and Methods	Imperial		Metric	
	Result	Unit	Result	Unit
Weight FSTM191.5041	15 ± 1	oz/yd ²	0.51 ± 0.03	kg/m ²
Thickness FSTM191.5030	0.02 ± 0.003	inches	0.51 ± 0.076	mm
Adhesion (Face/Back) ASTM D751	4.6 / 7 ± 1.5	lbs/inch	20.5 / 31.1 ± 6.7	N/25mm
Vertical Flammability (MD/CD) FSTM191.5903	---	---	---	---
After Flame	5 / 4 ± 1	seconds	5 / 4 ± 1	seconds
Char Length	5 / 5 ± 1	inches	127 / 127 ± 25.4	mm
Hydrostatic Mullen FSTM191.5512	160 ± 10	PSI	1103.2 ± 68.9	kPa
Tensile Strength-Grab (MD/CD) FSTM191.5100	116 / 130 ± 10	lbs	516 / 578 ± 44.5	N
Tear Strength-Tongue (MD/CD) FSTM191.5134	6.3 / 8.8 ± 1.5	lbs	28.0 / 39.1 ± 6.7	N
ESD/EOS	---	---	---	---
Low Volts (Back)	7300 Ohms			
10V (Face)	5.1x10 ⁹ Ohms			
100V (Face)	4.0x10 ⁴ Ohms			
Standard Width	54	inches	1371.6	mm

The information contained in this technical data bulletin is believed to be true and accurate. The typical physical properties are from historical testing and should not be considered a specification. This information is to be used only as a guide. It is the responsibility of the end user to determine the suitability of our products for each specific application.

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