

**DURASTAT® 3940**

Static Dissipative/Conductive

*Description:*

**DURASTAT® 3940** is a 14 oz./yd.<sup>2</sup> high performance, flexible, vinyl covered fabric for use as an equipment cover, drapery or clean room curtains, chair underlays and other applications requiring a sewn fabrication. Electrically, this product style features a static-dissipative colored front and a black conductive back. The unique multi-layer construction is engineered to be able to be stitched, dimensionally stable, flame resistant, non-tacky, color stable, durable, mildew/fungal resistant and dirt/stain resistant. Standard colors are a soft hi-tech blue front and a black back.

**TYPICAL PHYSICAL PROPERTIES**

Test and Methods	Imperial		Metric	
	Result	Unit	Result	Unit
<b>Weight</b> FSTM191.5041	13 ± 0.5	oz/yd <sup>2</sup>	0.44 ± 0.017	kg/m <sup>2</sup>
<b>Thickness</b> FSTM191.5030	0.018 ± 0.0006	inches	0.46 ± 0.015	mm
<b>Adhesion (Face/Back)</b> ASTM D751	7 / 8 ± 2	lbs/inch	31.14 / 35.59 ± 8.9	N/25mm
<b>Flame Resistance (MD/CD)</b> FSTM191.5903	---	---	---	---
After Flame	10 / 7 ± 2	seconds	10 / 7 ± 2	seconds
Char Length	6 / 5 ± 1	inches	152.4 / 127 ± 25.4	mm
<b>Grab Tensile (MD/CD)</b> FSTM191.5100	102 / 120 ± 10	lbs/inch	453.72 / 533.79 ± 44.48	N/25mm
<b>Tear - Trap (MD/CD)</b> FSTM191.5134	6.5 / 9.0 ± 1.5	lbs	28.9 / 40.0 ± 6.7	N
<b>Mullen</b> FSTM191.5512	141 ± 14	PSI	972.2 ± 96.5	kPa
<b>ESD/EOS</b>	---	---	---	---
Low Volts	8.12x10 <sup>3</sup> Ohms			
<b>Standard Width</b>	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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