

## NEXFLOR<sup>®</sup> NON-TEXTILE FLOORING

*Description:* **NEXFLOR<sup>®</sup>** is a high-performance, flexible, anti-static vinyl designed for use as flooring in aircraft. Its unique construction provides excellent physical properties while remaining lightweight. Nexflor is available in multiple styles and with different backing options.

*Available Colors:* Red Oak, Clove Mahogany, Obsidian Oak, Oak Gray

*Available Backing:* No Backing, Nonwoven Backing, Foam Backing

### TYPICAL PHYSICAL PROPERTIES

#### NO BACKING

Test and Methods	Imperial		Metric	
	Result	Unit	Result	Unit
<b>Weight</b> FSTM191.5041	16.3 ± 1.6	oz/yd <sup>2</sup>	0.6 ± 0.06	kg/m <sup>2</sup>
<b>Adhesion</b> ASTM D751	3.5 ± 1.0	lbs/inch	15.6 ± 4.4	N/25mm
<b>Surface Resistivity</b> ASTM D257	10 <sup>11</sup> -10 <sup>12</sup> Ohms (Antistatic)			
<b>Tabor Abrasion</b> CS10, 1000g, 650 cycles	No Wear, Pass			
<b>Vertical Flame (MD/CD)</b> FAR 25.853(a)(1)(ii)	Pass			
After Flame	1.4 / 1.4	seconds	1.4 / 1.4	seconds
Burn Length	3.7 / 3.8	Inches	94.0 / 96.5	mm
Drip Time	0.0 / 0.0	seconds	0.0 / 0.0	Seconds
<b>Thickness</b>	0.018 ± 0.002	inches	0.457 ± 0.051	mm
<b>Standard Width</b>	62	inches	1575	mm

### NONWOVEN BACKING

Test and Methods	Imperial		Metric	
	Result	Unit	Result	Unit
<b>Weight</b> FSTM191.5041	26.0 ± 2.6	oz/yd <sup>2</sup>	0.88 ± 0.08	kg/m <sup>2</sup>
<b>Adhesion</b> ASTM D751	Greater than 3.5	lbs/inch	Greater than 15.6	N/25mm
<b>Surface Resistivity</b> ASTM D257	10 <sup>11</sup> -10 <sup>12</sup> Ohms (Antistatic)			
<b>Tabor Abrasion</b> CS10, 1000g, 650 cycles	No Wear, Pass			
<b>Vertical Flame (MD/CD)</b> FAR 25.853(a)(1)(ii)	Pass			
After Flame	1.41 / 1.56	seconds	1.41 / 1.56	seconds
Burn Length	2.5 / 2.4	Inches	61.0 / 63.5	mm
Drip Time	0.0 / 0.0	seconds	0.0 / 0.0	Seconds
<b>Thickness</b>	0.101 ± 0.002	inches	2.565 ± 0.051	mm
<b>Standard Width</b>	62	inches	1575	mm

### FOAM BACKING

Test and Methods	Imperial		Metric	
	Result	Unit	Result	Unit
<b>Weight</b> FSTM191.5041	27.6 ± 2.8	oz/yd <sup>2</sup>	0.95 ± 0.1	kg/m <sup>2</sup>
<b>Adhesion</b> ASTM D751	Greater than 3.5	lbs/inch	Greater than 15.6	N/25mm
<b>Surface Resistivity</b> ASTM D257	10 <sup>11</sup> -10 <sup>12</sup> Ohms (Antistatic)			
<b>Tabor Abrasion</b> CS10, 1000g, 650 cycles	No Wear, Pass			
<b>Vertical Flame (MD/CD)</b> FAR 25.853(a)(1)(ii)	Pass			
After Flame	4.9 / 7.2	seconds	4.9 / 7.2	seconds
Burn Length	3.92 / 3.75	Inches	99.6 / 94.5	mm
Drip Time	0.0 / 0.0	seconds	0.0 / 0.0	Seconds
<b>Thickness</b>	0.136 ± 0.002	inches	3.454 ± 0.051	mm
<b>Standard Width</b>	62	inches	1575	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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