

NEXFLOR[®] NON-TEXTILE FLOORING

Description: **NEXFLOR[®]** 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
Weight FSTM191.5041	16.3 ± 1.6	oz/yd ²	0.6 ± 0.06	kg/m ²
Adhesion ASTM D751	3.5 ± 1.0	lbs/inch	15.6 ± 4.4	N/25mm
Surface Resistivity ASTM D257	10 ¹¹ -10 ¹² Ohms (Antistatic)			
Tabor Abrasion CS10, 1000g, 650 cycles	No Wear, Pass			
Vertical Flame (MD/CD) 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
Thickness	0.018 ± 0.002	inches	0.457 ± 0.051	mm
Standard Width	62	inches	1575	mm

NONWOVEN BACKING

Test and Methods	Imperial		Metric	
	Result	Unit	Result	Unit
Weight FSTM191.5041	26.0 ± 2.6	oz/yd ²	0.88 ± 0.08	kg/m ²
Adhesion ASTM D751	Greater than 3.5	lbs/inch	Greater than 15.6	N/25mm
Surface Resistivity ASTM D257	10 ¹¹ -10 ¹² Ohms (Antistatic)			
Tabor Abrasion CS10, 1000g, 650 cycles	No Wear, Pass			
Vertical Flame (MD/CD) 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
Thickness	0.107 ± 0.013	inches	2.718 ± 0.330	mm
Standard Width	62	inches	1575	mm

FOAM BACKING

Test and Methods	Imperial		Metric	
	Result	Unit	Result	Unit
Weight FSTM191.5041	27.6 ± 2.8	oz/yd ²	0.95 ± 0.1	kg/m ²
Adhesion ASTM D751	Greater than 3.5	lbs/inch	Greater than 15.6	N/25mm
Surface Resistivity ASTM D257	10 ¹¹ -10 ¹² Ohms (Antistatic)			
Tabor Abrasion CS10, 1000g, 650 cycles	No Wear, Pass			
Vertical Flame (MD/CD) 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
Thickness	0.140 ± 0.01	inches	3.556 ± 0.254	mm
Standard Width	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.

10.09.2018 BAH