

## DURATRIM<sup>®</sup> 3209

**Description:** DURATRIM<sup>®</sup> 3209 utilizes woven fiberglass as the reinforcement for the flexible PVC covering. The fiberglass makes the material extremely flame resistant, features very high tensile strength for its weight as has superior dimensional stability.

**Applications:** Industrial Pipe Wrap, Flexible Ducting, Quilted Sound Blankets, Quilted Aircraft Insulation, Headlining, Decorative Trim and Divider Curtains.

**Available Colors:** Duracote's<sup>®</sup> custom color laboratory can custom match virtually any color. Please provide a Federal Color Standard 5-digit number, Duracote<sup>®</sup> color number or a color swatch.

**Compliance:** DURATRIM<sup>®</sup> 3209 is manufactured to meet military specification MIL-C-22787D Type 1.

### PHYSICAL PROPERTIES

Test and Methods	Imperial			Metric	
	Spec.	*Typical	Unit	*Typical	Unit
<b>Weight</b> FSTM191.5041	5.8 Min.	8.0 ± 0.5	oz/yd <sup>2</sup>	0.27 ± 0.017	kg/m <sup>2</sup>
<b>Thickness</b> FSTM191.5030	---	0.008 ± 0.0007	inches	0.2 ± 0.018	mm
<b>Vertical Flame (MD/CD)</b> FSTM191.5903	---	---	---	---	---
After Flame	< 2	0.0 / 0.0	seconds	0.0 / 0.0	seconds
Glow Time	< 3	1.0 / 1.0 ± 0.5	seconds	1.0 / 1.0 ± 0.5	seconds
Char Length	< 2.3	1.0 / 1.0 ± 0.5	inches	25.4 / 25.4 ± 12.7	mm
<b>Tensile – Grab (MD/CD)</b> FSTM191.5100	110 / 100 Min.	260 / 197 ± 50	lbs	1157 / 876 ± 222	N
<b>Tear – Trapezoid (MD/CD)</b> ASTM D1117	6 / 4 Min.	14.0 / 8.7 ± 5	lbs	62 / 39 ± 22	N
<b>Adhesion (MD)</b> FSTM191.5970	6 Min.	12.0 ± 4	lbs	53.4 ± 18	N
<b>Standard Width</b>	---	54 or 38	inches	1372 or 965	mm
<b>Abrasion (Tabor)</b> FSTM191.5306	No Wear	No Wear (CS17 Wheel, 500 Cycles)			
<b>Corrosion</b> Section 4.5.5	Pass	No Evidence of Corrosion			
<b>Permeance</b> FSTM191.5516	No Leakage	No Leakage			
<b>Blocking</b> FSTM191.5872	#3 Max.	#1 Rating			

\*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.

03.01.17 JB