

DURATRIM® FLEXIBLE PVC SERIES

Description: DURATRIM® FLEXIBLE PVC SERIES utilizes woven fiberglass as the reinforcement for the PVC covering. The fiberglass makes the material extremely flame resistant, features very high tensile strength for its weight, and 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® custom color laboratory can custom-match virtually any color. Please provide a Federal Color Standard 5-digit number, Duracote® color number or a color swatch.

Compliance: DURATRIM® FLEXIBLE PVC SERIES is manufactured to various Lockheed and Boeing specifications (listed below) and meet the flammability requirements of FAR 25.853(a).

PHYSICAL PROPERTIES

Test and Methods	1003		1222 / 1315		1922		1938		1987	
	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric
Weight FSTM191.5041	3 – 4 oz./yd ²	0.1 – 0.14 kg/m ²	5.8 – 11.4 oz./yd ²	0.2 – 0.4 kg/m ²	11.5 – 17.1 oz./yd ²	0.4 – 0.6 kg/m ²	11.5 – 17.1 oz./yd ²	0.4 – 0.6 kg/m ²	3 – 6 oz./yd ²	0.1 – 0.2 kg/m ²
Vertical Flame FAR 25.853(a)	---	---	---	---	---	---	---	---	---	---
After Flame	< 5 sec	< 5 sec	< 5 sec	< 5 sec	< 5 sec	< 5 sec	< 5 sec	< 5 sec	< 15 sec	< 15 sec
Burn Length	< 6 in.	< 152 mm	< 6 in.	< 152 mm	< 6 in.	< 152 mm	< 6 in.	< 152 mm	< 8 in.	< 203 mm
Grab Tensile (MD/CD) FSTM191.5100	70 / 40 lbs. min.	311 / 178 N min.	110 / 100 lbs. min.	489 / 445 N min.	225 / 195 lbs. min.	1001 / 867 N min.	225 / 195 lbs. min.	1001 / 867 N min.	110 lbs. min.	489 N min.
Trap Tear (MD/CD) ASTM D1117	n/a	n/a	5 / 4 lbs. min.	22 / 18 N min.	12 / 10 lbs. min.	53 / 44 N min.	12 / 10 lbs. min.	53 / 44 N min.	n/a	n/a
Low Temp. Resistance	Pass (-40F)	Pass (-40C)	Pass (-20F)	Pass (-29C)	Pass (-20F)	Pass (-29C)	Pass (-65F)	Pass (-54C)	Pass (-65F)	Pass (-54C)
High Temp. Resistance	Pass (160F)	Pass (71C)	Pass (160F)	Pass (71C)	Pass (160F)	Pass (71C)	Pass (170F)	Pass (77C)	Pass (180F)	Pass (82C)
Abrasion FSTM191.5306	n/a		No Wear CS10, 1000g, 650c		No Wear CS10, 1000g, 650c		No Wear CS10, 1000g, 650c		n/a	
Specification	LAC-26-854A		LAC-25-858A TY6 CL A		LAC-25-858A TY7 CL B		LAC-25-858A TY7 CL B, LAC-26-464		BMS 8-115K TY1	

The information contained in this technical data bulletin is believed to be true and accurate. The 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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