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ALPHALAM X 330

English

75% average

Metric

Product Composition

Flexural Endurance [-1]

Fluoroplastic Chemical Barrier Compound 100% virgin PTFE resin		0.012 inch	0.33mm
Physical Property	Test Method	English	<u>Metric</u>
Composite Weight, Nom	Basis Weight	14 oz/yd^2	$470g/m^2$
Composite Thickness, Nom	ASTM D1777	0.012 inch	0.33mm
Tensile Strength, Min	ASTM D4851	36 lbs/inch (MD) 36 lbs/inch (XD)	324 N/50mm [MD] 324 N/50mm [XD]
Permeation Resistance ¹	ASTM F739	0.0 perm	0.0 ng/N
Trapezoidal Tear Strength, Min	ASTM D4851	38 lbs/inch (MD) 38 lbs/inch (XD)	170 N [MD] 170 N [XD]
Adhesion Strength, Min	ASTM D4851	5 lbs/inch	45 N/50mm

ASTM D4851

60% to 100%

Water Immersion 24 hours @ 73° [23°C] No Delamination

Mold Resistance ASTM C665 / C1338 No Growth ASTM G21 [both sides] No Growth

DATA SHEET: 14186 REV. B DATE: 3/9/2016 * All values are nominal unless otherwise specified.

Specializing in marine, aerospace, automotive and commercial fabrics for thermal and industrial applications

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¹The AlphaLam X composite was investigated for permeation by an independent laboratory. Sulfuric acid [2N] at 5 psig was used as the test medium. The AlphaLam X composite exhibited zero breakthrough and/or permeation. Test reports available upon request.