



ALPHA

engineered composites

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RL 292 (AMS 3320) Silicone-Coated Pyroglas® Cloth

Alpha Associates silicone-coated Pyroglas® cloths are made from proprietary high grade silicone rubber and non-asbestos fiberglass material, to AMS 3320 Rev. G.

RL292 can withstand constant temperature extremes of -65° F to 450° F (-54° C to 232° C) with brief excursions to 600° F (316° C). Silicone-coated Pyroglas® cloths have excellent resistance to most chemicals and oils, and have indefinite shelf life at room temperature.

Physical Properties

Test Method

English

Thickness (inches)	ASTM D1777	0.066" (+/-0.011)
Width (inches)	ASTM D3774	48" (+/- 0.5)
Roll Length (linear yards)		50
Pieces Per Roll (maximum)		2
Piece Length (minimum linear yards)		10
Continuous Operating Temperature (F)		-60 to +500
Excursion Temperature (F)		To +600

Polymer Requirements

Density	ASTM D-297	1.33 (+/- 0.03)
Tensile Strength	ASTM D-412	900 min
Elongation Strength (%)	ASTM D-412	400% min
Hardness	ASTM D-2240	65 (+/- 5)

Textile Requirements

Weight (pounds/square yard)	ASTM D3776	1.68
Weight (ounces per square yard)	ASTM D3776	27.0
Weave Construction		Satin
Thickness (inches)	ASTM D1777	0.027
Thread Count (picks x ends)	ASTM D3775	37 x 37
Tensile Strength (pounds)	ASTM D5035	950 x 800

DATA SHEET: 14192 REV: B DATE: 9/28/2017

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

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