ALPHA
engineered composites
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ALPHA – TEMP
9600-1-SR

PRODUCT COMPOSITION	ENGLISH	METRIC
Silicone Rubber – proprietary formulation	0.045 inch	114 micr
Heat-Treated Fiberglass Fabric – plain weave	0.055 inch	140 micron
	42.0 oz/yd^2	1.4 kg/m^2

PHYSICAL PROPERTIES	TEST METHOD		ENGLISH	METRIC
Composite Weight	ASTM D3776		96 oz/yd^2	3.3 kg/m^2
Nominal Thickness	ASTM D1777		0.100 inch	254 micron
Tensile Strength	ASTM D5035	warp	225 lbs/inch	40.2 kg/cm
		fill	55 lbs/inch	22.8 kg/cm
Tear Strength	ASTM D5035	warp	30 lbs/inch	13.6 kg/cm
		fill	20 lbs/inch	9.1 kg/cm
Bursting Strength	ASTM D3786		550 psi	38.5 kg/cm^2
Low Temperature Resistance	-40°F [-40°C]		Remains Flexible No Delamination	
High Temperature Resistance	+500°F [+260°C]		Remains Flexible No Delamination	
Base Fabric/Weave	Fiberglass/plain weave			
Color/Coating	Red Iron Oxide/silicone rubber			

DATA SHEET: 14119 REV. A DATE: 07/31/13

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

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