



ALPHA

engineered elastomers

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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
		fill	55 lbs/inch
Tear Strength	ASTM D5035	warp	30 lbs/inch
		fill	20 lbs/inch
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		

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

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