



ALPHA

engineered composites

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ALPHA – TEMP FH 2815-6 RED 38”

PRODUCT COMPOSITION [GAUGE]	ENGLISH
Silicone Rubber – proprietary formulation	0.007”
Side One –cured silicone rubber	0.002”
Side Two – uncured silicone rubber	0.005”
Primed Fiberglass Fabric – style 7628 plain weave	0.008”
Interleave – polyethylene liner	0.003”

PHYSICAL PROPERTIES	TEST METHOD	ENGLISH
Composite Weight	ASTM D3776-96	16.8 oz/yd ² +/- 1.5
Nominal Thickness	ASTM D1777-96	0.015” +/- .002”
Tensile Strength [rubber only]	ASTM D412-92	1000 lbs/inch +/- 100
Tear Strength [rubber only]	ASTM D624	40 lbs/inch
Elongation [rubber only]	ASTM D412-92	400% +/- 30
Durometer	Shore A	45 +/-5 uncured side 55 +/-5 cured side
Low Temperature Resistance	-70°F [-70°C]	Remains Flexible No Delamination
High Temperature Resistance	+500°F [+232°C]	Remains Flexible No Delamination
Base Fabric/Weave	Style 7628 fiberglass/plain	
Tensile Strength	ASTM D5035-95	warp 250 lbs/inch Fill 200 lbs/inch
Color		Red Iron Oxide
Dielectric Strength		400 to 600 volts/mil
UL Recognition	UL 94 HB at 200°C	Card E201556
Product Shelf Life	75°F dry storage conditions	Six months From mfg. date

DATA SHEET 14085 REV: C DATE: 2/25/2015

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

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