



ALPHA

engineered composites

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ALPHA-TEMP FH 2815-2 RED 38"

PRODUCT COMPOSITION [GAUGE]

ENGLISH

Silicone Rubber – proprietary formulation	0.007"
Side One – uncured silicone rubber	0.0035"
Side Two – uncured silicone rubber	0.0035"
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 oz/yd ² +/- 1.5
Nominal Thickness	ASTM D1777-96	0.015" +/- 0.002"
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% min +/-30
Durometer	Shore A	55 +/- 5
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 14113 REV: C DATE 2/25/2015

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

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