



ALPHA

engineered composites

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ALPHA – TEMP FH 2824-6 RED 38”

PRODUCT COMPOSITION [GAUGE]

ENGLISH

Silicone Rubber – proprietary formulation
Side One –cured silicone rubber
Side Two – uncured silicone rubber

0.016”
0.003”
0.013”

Primed Fiberglass Fabric – style 7628 plain weave
Interleave – polyethylene liner

0.008”
0.003”

PHYSICAL PROPERTIES

TEST METHOD

ENGLISH

Composite Weight	ASTM D3776-96	24.0 oz/yd ² +/- 1.5
Nominal Thickness	ASTM D1777-96	0.024” +/- .002”
Tensile Strength [rubber only]	ASTM D412-92	700 lbs/inch
Tear Strength [rubber only]	ASTM D624	100 lbs/inch
Elongation [rubber only]	ASTM D412-92	200%
Durometer	Shore A	65 +/-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
Bond Strength	ASTM D413	6.0 lbs/inch min
Color		Red Iron Oxide
Dielectric Strength		400-600 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 14243 REV: A DATE: 11/16/2016

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

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