



# ALPHA

engineered composites

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## ALPHA – TEMP FH 6330-7 RED 36”

**PRODUCT DESCRIPTION:** One Side Uncured Silicone Over Cured Silicone on Fiberglass

### PRODUCT COMPOSITION [GAUGE]

	ENGLISH
Silicone Rubber – proprietary formulation	0.015”
Side One – cured silicone rubber	0.008”
Side One – uncured silicone rubber	0.007”
Primed Fiberglass Fabric – style 162 plain weave	0.015”
Interleave – polyethylene liner	0.003”

### PHYSICAL PROPERTIES

### TEST METHOD

### ENGLISH

Composite Weight	ASTM D3776	32.0 oz/yd <sup>2</sup> +/- 2.0
Nominal Thickness	ASTM D1777	0.030” +/- .002”
Tensile Strength [rubber only]	ASTM D412	700 lbs/inch min
Tear Strength [rubber only]	ASTM D624	100 lbs/inch
Elongation [rubber only]	ASTM D412	200% min
Durometer	Shore A	65 +/-5
Operating Temperature		-70°F [-70°C] to +500°F [+232°C]
Base Fabric/Weave	Style 162 fiberglass/plain	
Tensile Strength	ASTM D5035	Warp 450 lbs/inch Fill 350 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 14114 REV: C DATE: 10/18/16

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