



# ALPHA

engineered composites

145 Lehigh Avenue, Lakewood, NJ 08701  
**T:** 732.634.5700 **F:** 732.634.1430 alphainc.com

ALPHA - MARITEX  
 STYLE 1750-2-SS

DESCRIPTION

Alpha Maritex Style 1750-2-SS is a fiberglass fabric impregnated with silicone rubber. This high temperature, flame retardant silicone rubber provides improved resistance to abrasion, flexing, tear and puncture. This product is designed specifically for high temperature ( 500 °F ) removable insulation blankets for valves, flanges and fittings.

ADVANTAGES

Water and oil resistant, UV resistant, Flame retardant, Low smoke, Easily fabricated, Lightweight.

APPLICATIONS

Removable Insulation Blankets, Flange Covers, Welding Curtains, Safety Clothing, Equipment Covers, Expansion Joints.

PROPERTY DATA  
 STYLE 1750-2-SS

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	17.5 oz/sy ± 10%	595 g/m <sup>2</sup> ± 10%
THICKNESS	ASTM-D-1777	0.018" ± 0.001"	0.457 mm ± .025 mm
TENSILE STRENGTH	ASTM-D-5035	Warp- 310 lbs/inch min. Fill- 260 lbs/inch min.	55.37 46kg/cm .43 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp- 58 lbs min. Fill- 58 lbs min.	26.25 kg 26.25 kg
BURST STRENGTH	ASTM-D-3786	600 psi min.	42 kg/cm <sup>2</sup>
FLAME RESISTANCE	ASTM D-6413	Char Length 1/16" inch max. Afterglow 1 second max. Flame Out 1 second max.	0.159 cm max. 1 second max. 1 second max.
UV RESISTANCE	ASTM-G-154	1000 hrs; no change in tensile	
BASE FABRIC and WEAVE		Fiberglass/Satin Weave	
COLOR and COATING		Silver Silicone	
TEMPERATURE RESISTANCE		-85 °F (-65 °C) to 500 °F (260 °C)	

DATA SHEET: 14005 REV: D DATE: 9/28/15 \*All values are nominal unless otherwise specified.

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

All statements herein are expressions of opinion that we believe to be accurate and reliable, but are presented without guaranty or responsibility on our part. Statements concerning possible use of our products are not intended as recommendations for their use alone or in combination with any materials or elements to infringe any patents. No patent warranty of any kind, express or implied, is made or intended.