



ALPHA

high performance fabrics & composites

ALPHA ASSOCIATES, INC. • 145 LEHIGH AVE. • LAKEWOOD, NJ 08701
T: 732.634.5700 • 800.631.5399 • F: 732.634.1430

ALPHA - MARITEX
STYLE 1700-S

DESCRIPTION

Alpha Maritex Style 1700-S is a fiberglass fabric coated with a specially formulated dry silicone rubber. This special high temperature, flame retardant silicone rubber provides greater life and improves resistance to abrasion, tear and puncture and increases flexibility.

ADVANTAGES

Aluminum Color, UV Resistant, Low Smoke, Water and Oil Resistant, Can be Easily Sewn, Flame Retardant, "Dry" Feel, Chemical Resistant, Easy to Fabricate.

APPLICATIONS

Removable Insulation Blankets, Welding Curtains, Flange Covers, Expansion Joints, Equipment Covers, Safety Clothing. This product is designed specifically for high temperature (500 °F) removable blankets, and flange and valve covers where a very soft and flexible fabric is desired or needed.

PROPERTY DATA
STYLE 1700-S

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>		
		<u>ENGLISH</u>	<u>METRIC</u>	
WEIGHT	ASTM-D-3776	17.0 oz/sy ± 10%	578 g/m ² ± 10%	
THICKNESS	ASTM-D-1777	0.015" ± .001"	0.381 mm ± .025 mm	
TENSILE STRENGTH	ASTM-D-5035	Warp-	300 lbs/ in.	53.58 kg/cm
		Fill-	225 lbs./in	40.19 kg/cm
	ASTM-D-5587	Warp-	50 lbs.	22.68 kg
		Fill-	50 lbs.	22.68 kg
BURST STRENGTH	ASTM-D-3786	600 PSI	42 kg/cm	
FLAME RESISTANCE	ASTM D-6413	Char Length	.3" max.	0.762 cm max.
		Afterglow	1 sec. max.	1 sec. max.
		Flame Out	1 sec. max.	1 sec. max.
TEMPERATURE RESISTANCE		-67 °F to +500 °F	-55 °C to 260 °C	
UV RESISTANCE	ASTM-G-154	1000 hrs; no change in tensile		
BASE FABRIC and WEAVE		Fiberglass/Satin Weave		
COLOR and COATING		Silver Silicone		

DATA SHEET: 13270 REV: E 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.