



ALPHA

engineered composites

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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>TYPICAL 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. Fill- 225 lbs./in	53.58 kg/cm 40.19 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp- 50 lbs. Fill- 50 lbs.	22.68 kg 22.68 kg
BURST STRENGTH	ASTM-D-3786	600 PSI	42 kg/cm
FLAME RESISTANCE	ASTM D-6413	Char Length .3" max. Afterglow 1 sec. max. Flame Out 1 sec. max.	0.762 cm max. 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: F DATE: 7/10/19

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

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