

ALPHA ASSOCIATES, INC.

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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, 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-3776-96	17.0 oz/sy \pm 10%	578 g/m ² \pm 10%
THICKNESS	ASTM-D-1777-96	0.0155" \pm .001"	0.394 mm \pm .025 mm
TENSILE STRENGTH	ASTM-D-5035-95	Warp- 250 lbs./in. Fill- 200 lbs./in	44.65 kg/cm 35.72 kg/cm
TEAR STRENGTH	ASTM-D-5587-96	Warp- 50 lbs. Fill- 40 lbs.	22.68 kg 18.14 kg
FLAME RESISTANCE	FED 191/5903.2	Char Length 1/16" max. Afterglow 1 sec. max. Flame Out 1 sec. max.	0.159 cm max. 1 sec. max. 1 sec. max.
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	-67 °F to +500 °F	-55 °C to 260 °C
BASE FABRIC and WEAVE		Fiberglass/Satin Weave	
COLOR and COATING		Silver Silicone Rubber	

DATA SHEET 13270

REV B

DATE: 10/1/98

* All values are nominal unless otherwise specified.

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

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