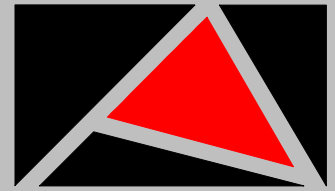


ALPHA ASSOCIATES, INC.

145 LEHIGH AVENUE LAKEWOOD, N.J. 08701
Phone: (732) 634-5700 Fax: (732) 634-1430

ALPHA - MARITEX
STYLE 3100-2-SS



DESCRIPTION

Alpha Maritex Style 3100-2-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, Flame retardant, Low smoke, Easily fabricated, Lightweight.

APPLICATIONS

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

*This product was manufactured in the U.S.A. under Federal I.D.# 22-176 3475.

PROPERTY DATA

STYLE 3100-2-SS

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	17.5 oz/sy \pm 10%	595 g/m ² \pm 10%
THICKNESS	ASTM-D-1777	0.018" \pm .001"	0.457 mm \pm .025 mm
TENSILE STRENGTH	ASTM-D-5034	Warp- 300 lbs./inch Fill- 225 lbs./inch	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 ²
FLAME RESISTANCE	FED 191/5903.2	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.
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	Cold: -67 °F Hot: +500 °F	-54 °C to 260 °C
BASE FABRIC and WEAVE		Fiberglass/Satin Weave	
COLOR and COATING		Gray Silicone	

DATA SHEET 13190

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

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.