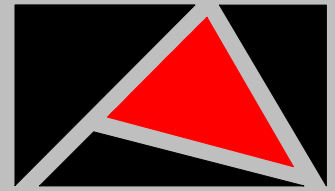


ALPHA ASSOCIATES, INC.

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

ALPHA - MARITEX
3201-2-SS



DESCRIPTION

Alpha Maritex Style 3201-2-SS is a fiberglass fabric coated with a specially formulated silicone rubber designed to meet the rigid requirements for use in nuclear reactors. This special high temperature, flame retardant silicone rubber provides greater life and improves resistance to abrasion flexing, tear and puncture. Alpha Maritex Style 3201-2-SS can be certified to meet the requirements of MIL-I-24244 and Nuclear Regulatory Guide 1.36.

ADVANTAGES

Aluminum Color, Low Smoke, Water and Oil Resistant, Can be easily sewn, Flame Retardant, Lightweight, Chemical Resistant, Easy to Fabricate.

APPLICATIONS

Removable Insulation Blankets, Expansion Joints, Welding Curtains, Equipment Covers, Flange 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

3201-2-SS

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	17 oz/sy \pm 10%	578 g/m ² \pm 10%
THICKNESS	ASTM-D-1777	0.015" \pm .001"	0.381 mm \pm .025 mm
TENSILE STRENGTH	ASTM-D-5035	Warp- 300 lbs./inch	53.58 kg/cm
		Fill- 225 lbs./inch	40.19 kg/cm
TEAR STRENGTH	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 ²
FLAME RESISTANCE	ASTM D-6413	Char Length 0.3 inches max.	0.762 cm max.
		Afterglow 1 sec. max	1 sec. max
		Flame Out 1 sec. max	1 sec. max
TEMPERATURE RESISTANCE		Cold: -85 °F, Hot: 500 °F Inter.: 700 °F	-65 °C to 260 °C, Inter.: 371 °C
COLOR and COATING		Silver Silicone	
BASE FABRIC and WEAVE		Fiberglass/Satin Weave	

DATA SHEET 13157

REV D

DATE: 03/06/12

* All values are nominal unless otherwise specified.

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

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