



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^o 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-3776-96	17.5 oz/sy ± 10%	595 g/m ² ± 10%
THICKNESS	ASTM-D-1777-96		0.457 mm ± .025 mm
TENSILE STRENGTH	ASTM-D-5034-95	Warp- 300 lbs/inch Fill- 225 lbs/inch	53.58 kg/cm 40.19 kg/cm
TEAR STRENGTH	ASTM-D-5587-96	Warp- 50 lbs. Fill- 50 lbs.	22.68 kg 22.68 kg
BURST STRENGTH	ASTM-D-3786-87	600 psi	
FLAME RESISTANCE	FED 191/5903.2	Char Length 1/16 inch max.	0.159 cm max.
		Afterglow 1 second max.	1 second max.
		Flame Out 1 second max.	1 second max.
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	Cold: -67 ^o F Hot: +500 ^o F	-54 ^o C to 260 ^o C
BASE FABRIC and WEAVE		Fiberglass/Satin Weave	
COLOR and COATING		Gray Silicone	