ALPHA
ASSOCIATES, INC.

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

ALPHA - MARITEX
STYLE 3101-2-SS

DESCRIPTION

Alpha Maritex Style 3101-2-SS is a fiberglass fabric impregnated 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 improved resistance to abrasion, flexing, tearing, and puncture.
Alpha Maritex Style 3101-2-SS was specifically designed as a low cost, light duty product for preparing high temperature (+500 °F) removable pads, flange and valve covers.

ADVANTAGES

Aluminum color, Water and Oil resitant, Flame retardant, Chemical resistant, Very Low Smoke, Easily sewn - drapeable, Lightweight, Easy to handle.

APPLICATIONS

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

PROPERTY DATA
STYLE 3101-2-SS

CHARACTERISTIC	METHOD	VALUES*		
		ENGLISH		*METRIC*
WEIGHT	ASTM-D-3776	*15.0 oz/sy ± 10%*		*510 g/m² ± 10%*
THICKNESS	ASTM-D-1777	*0.014" ± 0.001"*		*0.356 mm ± .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/cm²*
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 °F)* *Continuous 1000 hrs @ +500 °F - No Change* *Intermittent 100 hrs @ +700 °F - Weight Loss = 10%, Strength Loss = 50%*		*-55 °C to 260 °C*
BASE FABRIC and WEAVE		*Fiberglass/Satin Weave*		
COLOR and COATING		*Silver Silicone Rubber*		

DATA SHEET 12978 REV C DATE: 4/30/08 * All values are nominal unless otherwise specified.

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