

ALPHA ASSOCIATES, INC.

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

ALPHA - MARITEX
STYLE 8453-2-SBZ



DESCRIPTION

Alpha Maritex Style 8453-2-SBZ is composed of an 8 harness satin weave fiberglass fabric coated with a specially formulated black silicone rubber incorporating an ultra-violet radiation absorber. Style 8453-2-SBZ meets the requirements of Specification MIL-C-24576A (SH), Type III, Class 1.

APPLICATIONS

This product was designed especially for use in fabricating welding curtains for vertical use.

ADVANTAGES

Alpha Style 8453-2-SBZ exhibits low smoke and flame characteristics while providing excellent resistance to abrasion and tear.

PROPERTY DATA

STYLE 8453-2-SBZ

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<i>ENGLISH</i>	<i>METRIC</i>
WEIGHT	ASTM-D-3776	36.0 oz/syd \pm 10%	1224 g/m ² \pm 10%
THICKNESS	ASTM-D-1777	0.037" \pm .001"	0.940 mm \pm .025 mm
BREAKING STRENGTH	ASTM D-5034	Warp- 375 lbs./inch	66.98 kg/cm
		Fill- 300 lbs/inch	53.58 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp- 40 lbs.	18.14 kg
		Fill- 35 lbs.	15.88 kg
BURST STRENGTH	ASTM-D-3786	960 psi	67.2 kg/cm ²
FLAME RESISTANCE	FED 191/5903.2	Char Length .03 inch max.	0.076 cm max.
		Afterglow 1 sec. max.	1 sec. max.
		Flame Out 1 sec. max.	1 sec. max.
ABRASION RESISTANCE	ASTM D-4157	Result = Passes	
TEMPERATURE RESISTANCE	FED SPEC HHB 100B	Silicone: -67 °F to +500 °F Fiberglass: +1100 °F	-55 °C : 260 °C : 593 °C
CHLORIDE CONTENT	ASTM C-871 D-512	Procedure A Result = Passes	

DATA SHEET 13115

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.