



ALPHA

engineered composites

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ALPHA - WELD
 STYLE 4032-2-AB

DESCRIPTION

Alpha's Style 4032-2-AB is a crowfoot satin weave fiberglass fabric coated with black pigmented acrylic. ANSI/FM 4950 approved for welding curtains.

APPLICATIONS

Alpha's Style 4032-2-AB is ideal as an economy grade welding curtain for vertical applications such as spark or spray containment, grinding shields, flash barriers for welding arcs and as a weather barrier for outdoor welding operations.

ADVANTAGES

The acrylic coating provides water and oil resistance and keeps the fabric from fraying during fabrication. The fabric has good resistance to fire and does not emit excessive smoke.

PROPERTY DATA
 STYLE 4032-2-AB

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	14.0 oz/syd ± 10%	476 g/m ² ± 10%
THICKNESS	ASTM-D-1777	0.015" ± .001"	0.381 mm ± .025 mm
TENSILE STRENGTH	ASTM-D-5034	Warp- 350 lbs/in.	62.51 kg/cm
		Fill- 300 lbs/inch	53.58 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 1 inch max.	2.54 cm max.
		Afterglow 1 second max.	1 second max.
		Flame Out 1 second max.	1 second max.
TEMPERATURE RESISTANCE		Continuous: 1000 °F	
		Intermittent: 1100 °F	Cont.- 538 °C, Inter. 593 °C

DATA SHEET: 13702 FM REV: D DATE: 4/21/2017 *All values are nominal unless otherwise specified.

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

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