ALPHA - WELD
STYLE 6445-2-BRN

DESCRIPTION
Alpha-Weld Style 6445-2-BRN is an economy grade acrylic coated fiberglass welding curtain material. The incombustible fiberglass fabric is coated with a fire retardant red colored acrylic. ANSI/FM 4950 approved for welding curtains.

APPLICATIONS
Alpha-Weld Style 6445-2-BRN can be used for vertical welding curtains for spark and spray containment, grinding shields, arc flash barriers and fire retardant weather barrier material.

ADVANTAGES
The fire retardant red colored coating provides high visibility for safety and resistance to sparks, abrasion, water and most chemicals.

PROPERTY DATA
STYLE 6445-2-BRN

CHARACTERISTIC	**METHOD**	**VALUES***		
		ENGLISH		*METRIC*
WEIGHT	ASTM-D-3776	13 oz/sy ± 10%		442 g/m² ± 10%
THICKNESS	ASTM-D-1777	0.0155" ± .001"		0.393 mm ± .025 mm
TENSILE STRENGTH	ASTM-D-5034	Warp-	300 lbs/in	53.58 kg/cm
		Fill-	270 lbs/inch	48.22 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp-	35 lbs	15.88 kg
		Fill-	30 lbs	13.61 kg
BURST STRENGTH	ASTM-D-3786	475 psi		33.25 kg/cm²
FLAME RESISTANCE	FED 191/5903.2	Char Length	1 inch max.	2.54 cm max.
		Afterglow	1 sec. max.	1 sec. max.
		Flame Out	0 sec. max.	0 sec. max.
TEMPERATURE RESISTANCE FOR BASE FABRIC		0 °F to 1000 °F		-18 °C to 538 °C
TEMPERATURE RESISTANCE FOR NEOPRENE COATING		0 °F to 300 °F		-18 °C to 149 °C
BASE FABRIC and WEAVE		Fiberglass/Plain Weave		
COLOR and COATING		Red Acrylic		

DATA SHEET: 13329 FM   REV: J   DATE: 4/21/2017   *All values are nominal unless otherwise specified.

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