



# ALPHA

engineered composites

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## ALPHA - WELD

### STYLE 35 GR

#### DESCRIPTION

Alpha Weld Style 35 GR is an extremely heavy weight fiberglass made with highly texturized yarn creating a very "bulky" fabric. Meets US Coast Guard Specification 164.009 for incombustible material (Product is completely incombustible). Resists most acids, alkalis and solvents except hydrofluoric acid and hot phosphoric.

#### APPLICATIONS

Alpha Weld Style 35 GR is intended for use where a heavy weight, thick (insulative) fabric is required with high heat resistance. Curtains, blankets, flue ducts, gaskets, and high temperature expansion joints. Available in 40" (101.6 cm) and 60" (152.4 cm) widths.

## PROPERTY DATA

### STYLE 35 GR

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	35 oz/sy $\pm$ 10%	1190 g/m <sup>2</sup> nominal
THICKNESS	ASTM-D-1777	0.080" $\pm$ 10%	1.524 mm $\pm$ 10%
TEMPERATURE RESISTANCE		1000°F	538°C
BASE FABRIC and WEAVE		E- Glass Fiberglass/Plain Weave	
COLOR		Greige or Loomstate	
LENGTH		50 YDS	4572 cm
WIDTH		40", 60"	101.6, 152.4 cm

\*Material may suffer some degradation of physical properties after extended periods at elevated temperature.

DATA SHEET: 15068 REV: A DATE: 10/17/24 \*All values are nominal unless otherwise specified.

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

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