



ALPHA

engineered composites

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ALPHA - MARITEX
 STYLE 2300-2-SS

DESCRIPTION

Alpha Maritex Style 2300-2-SS is a fiberglass fabric coated with a specially formulated silicone rubber designed for safety and resistance to sparks. This high temperature, flame retardant silicone rubber provides greater life and improves resistance to abrasion flexing, tear and puncture.

APPLICATONS

Alpha-Weld Style 2300-2-SS can be used for vertical welding curtains for spark and spray containment, grinding shields, arc flash barriers and fire retardant weather barrier material.

PROPERTY DATA
 STYLE 2300-2-SS

| <u>CHARACTERISTIC</u> | <u>METHOD</u> | <u>VALUES*</u> | |
|------------------------|---------------|---|---|
| | | <u>ENGLISH</u> | <u>METRIC</u> |
| WEIGHT | ASTM-D-3776 | 17 oz/sy ± 10% | 578 g/m ² ± 10% |
| THICKNESS | ASTM-D-1777 | 0.015" ± .001" | 0.381 mm ± .025 mm |
| TENSILE STRENGTH | ASTM-D-5035 | Warp- 300 lbs./inch Fill- 225 lbs/inch | 53.58 kg/cm 40.19 kg/cm |
| TEAR STRENGTH | ASTM-D-5587 | Warp- 50 lbs. Fill- 50 lbs. | 22.68 kg 22.68 kg |
| BURST STRENGTH | ASTM-D-3786 | 600 psi | 42 kg/cm ² |
| FLAME RESISTANCE | ASTM-D-6413 | Char Length 0.3 inches max. Afterglow 1 sec. max Flame Out 1 sec. max | 0.762 cm max. 1 sec. max 1 sec. max |
| TEMPERATURE RESISTANCE | | Cold: -65 °F, Hot: 500 °F | -54 °C to 250 °C |
| COLOR and COATING | | Silver Silicone | |
| BASE FABRIC and WEAVE | | Fiberglass/Plain Weave | |

DATA SHEET: 13845 REV: C DATE: 10/10/2024 *All values are nominal unless otherwise specified.

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

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