



ALPHA

engineered composites

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ALPHA - MARITEX
 STYLE 1700-S CARLSBAD CANYON

DESCRIPTION

Alpha Maritex Style 1700-S Carlsbad Canyon is a fiberglass fabric coated with a specially formulated dry silicone rubber. This special high temperature, flame retardant silicone rubber provides greater life and improves resistance to abrasion, tear and puncture and increases flexibility.

ADVANTAGES

BLM Carlsbad Canyon Color, UV Resistant, Low Smoke, Water and Oil Resistant, Can be Easily Sewn, Flame Retardant, Chemical Resistant, Easy to Fabricate.

APPLICATIONS

Removable Insulation Blankets, Welding Curtains, Flange Covers, Expansion Joints, Equipment Covers, Safety Clothing. This product is designed specifically for high temperature (500 °F) removable blankets, and flange and valve covers where a very soft and flexible fabric is desired or needed.

PROPERTY DATA

STYLE 1700-S CARLSBAD CANYON

| <u>CHARACTERISTIC</u> | <u>METHOD</u> | <u>VALUES*</u> | |
|------------------------|---------------|--|---|
| | | <u>ENGLISH</u> | <u>METRIC</u> |
| WEIGHT | ASTM-D-3776 | 17.0 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./ in. Fill- 225 lbs./in | 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 .3" max. Afterglow 1 sec. max. Flame Out 1 sec. max. | 0.762 cm max. 1 sec. max. 1 sec. max. |
| TEMPERATURE RESISTANCE | | -67 °F to +500 °F | -55 °C to 260 °C |
| UV RESISTANCE | ASTM-G-154 | 1000 hrs; no change in tensile | |
| BASE FABRIC and WEAVE | | Fiberglass/Satin Weave | |
| COLOR and COATING | | Carlsbad Canyon Tan Silicone | |

DATA SHEET: 14134 REV: B DATE: 9/28/15 *All values are nominal unless otherwise specified.

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

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