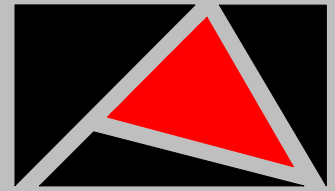


ALPHA ASSOCIATES, INC.

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ALPHA - ALAFLEX
STYLE 4348 AMAU



DESCRIPTION

Alpha AlaFlex Style 4348 AMAU is a triple ply laminate made of aluminum foil, fiberglass scrim, and heat sealable metallized polyester film.

1. Foil - .00065" Aluminum
2. Adhesive - Fire Retardant, Thermo-Setting
3. Scrim - 4 x 3 fiberglass
4. Film - .0005" aluminized polyester

ADVANTAGES

Foil / Film combination provides an excellent vapor retarder.

APPLICATIONS

Flex Duct Jacketing, Vapor Retardant Facing, Pipe Jacketing.

PROPERTY DATA *STYLE 4348 AMAU*

| <u>CHARACTERISTIC</u> | <u>METHOD</u> | <u>VALUES*</u> | |
|------------------------|---------------|--|---|
| | | <u>ENGLISH</u> | <u>METRIC</u> |
| WEIGHT | ASTM-D-3776 | 2.4 oz/sy \pm 10% | 81.6 g/m ² \pm 10% |
| THICKNESS | ASTM-D-1777 | 0.006" \pm 10% | 0.152 mm \pm 10% |
| TENSILE STRENGTH | ASTM-D-5035 | Warp- 30 lbs/inch Fill- 25 lbs/inch | 5.36 kg/cm 4.47 kg/cm |
| TEAR STRENGTH | ASTM-D-1424 | Warp- 24.69 oz. Fill- 17.64 oz. | 700 gms. 500 gms. |
| BEACH PUNCTURE | ASTM-D-781 | 200 units (53 in/lbs) | 61 cm/kg |
| FLAME RESISTANCE | ASTM D-6413 | Char Length 2 inch max. Afterglow 2 sec max. Flame Out 2 sec. max. | 5.08 cm max. 2 sec max. 2 sec. max. |
| HEAT SEAL | | above 200 °F | above 93.3 °C |
| PERMEABILITY (MVTR) | ASTM-E-96 | .02 Perms | |
| CORROSION RESISTANCE | ASTM C-1258 | 120 °F @95% RH 20 days Result - No Corrosion | 49 °C |
| TEMPERATURE RESISTANCE | | -40 °F to +200 °F | -40 °C to 93 °C |

DATA SHEET 13065

REV C

DATE: 03/05/12

* All values are nominal unless otherwise specified.

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

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