**DESCRIPTION**
Alpha Style 2025/9480-AMA-1S is a lamination of fiberglass fabric and aluminum foil with a silicone wash coat to protect the fabric surface and prevent fabric fraying on the laminated edges. This composite is designed to withstand temperatures of 450 °F with short exposure limits to 500 °F.

**APPLICATIONS**
Automotive applications including insulation facings and radiant heat shields.

**ADVANTAGES**
High temperature resistance, reflects radiant heat, good corrosion resistance.

### PROPERTY DATA

**CHARACTERISTIC** | **METHOD** | **ENGLISH VALUES** | **METRIC VALUES**  
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WEIGHT | ASTM-D-3776 | 21.5 oz/sq yd ± 2.2 | 731 g/m² ± 74.8
THICKNESS | ASTM-D-1777 | 0.030" ± 0.003" | 0.762 mm ± .076 mm
TENSILE STRENGTH | ASTM-D-5035 | Warp- 250 lbs/inch | 44.72 kg/cm
| | Fill- 200 lbs/inch | 35.72 kg/cm
TEAR STRENGTH | ASTM-D-5587 | Warp- 50 lbs | 22.68 kg
| | Fill- 50 lbs | 22.68 kg
MULLEN BURST | ASTM-D-3786 | 550 psi | 38.5 kg/cm²
FLAME RESISTANCE | ASTM D-6413 | Char Length 1 inch max. | 2.54 cm max.
| | Afterglow 12 sec. max. | 12 sec. max.
| | Flameout 5 sec. max. | 5 sec. max.
BOND STRENGTH | ASTM-D-1876 | 30 minute immersion (brake fluid) Result = 0.6 lbs./inch minimum | 0.107 kg/cm
TEMPERATURE RESISTANCE | -40 °F to +450 °F. | -40 °C to 232 °C |  
COLOR AND COATING | Aluminum Foil |  
BASE FABRIC AND WEAVE | Fiberglass/Plain Weave |  
* Reference Method FED STD 191/5903.1

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

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