



WHEN THE **HEAT** IS ON, KEEP YOUR COOL WITH **AVS!**

TDS-145
August 2019

AVS ALUMINIZED FIBERGLASS SLIT TAPE **ALUMF2025HTH with PSA**

Product Description

AVS Aluminized Fiberglass Slit Tapes are manufactured from ALUMF2025HTH/PSA. This is a lightweight (18 oz/yd²) plain weave E-glass fiberglass fabric with 0.001-inch thick aluminum foil laminated to one side using a high-performance adhesive that has excellent high-temperature, chemical, and moisture resistance. The backside of the fabric has a high-performance Pressure Sensitive Adhesive (PSA) applied to allow slitting into **AVS Aluminized Fiberglass Slit Tapes**.

Product Application

AVS Aluminized Fiberglass Slit Tapes are typically used as a heat reflective wraps or a liner material for heat reflective pads or curtains. Recommended for less severe applications requiring heat reflectivity for lower temperature end use applications. The reflective heat protection value from the hot aluminized side to the cold side is approximately 150°F (65°C). The PSA adhesive will maintain bonding properties at backside temperatures of less than 200°F (93°C).

Product Features

- Resistant to UV, water, oil, and most chemicals
- Heat Reflective Aluminized Layer (Foil) – Provides heat reduction of 150°F (65°C)
- Low smoking when exposed to high temperatures

Technical Data Properties

Nominal Weight, oz./yd² (grams/m²)

Nominal Thickness, in. (mm)

Base Fabric, E Fiberglass

FG2025 Base Fabric Weave Construction, Ends/in.

FG2025 Base Fabric Tensile Strength, Minimum lbs./in.

ALUMF2025HTH Base Fabric Maximum Temperature, °F

Fabric 1000 (538°C) - Intermittent

Foil 1200 (649°C) - Melt Point

Adhesive 500 (260°C) – Degradation

Standard Roll Length

ALUMF2025HTH with PSA

21 (712)

0.028 (0.711)

Plain Weave

20 Warp X 14 Fill

200 Warp, 150 Fill

150 feet (45.72 Meters)

NOTES:

1. Normal tape widths are 1" to 4". Other widths are available upon request.

AVS Industries, LLC cannot predict all of the potential applications for which customers may attempt to use the **AVS Aluminized Fiberglass Slit Tapes**. **AVS Aluminized Fiberglass Slit Tapes** will have varying degrees of effectiveness for each potential application depending on the maximum temperature attained, the length of use, and the amount of temperature fluctuation. If the customer has any questions regarding the use of **AVS Aluminized Fiberglass Slit Tapes** in a particular application, please contact AVS Industries, LLC at (302) 221-1720 and we will provide a sample of the **AVS Aluminized Fiberglass Slit Tapes** testing. This product is not warranted against injuries or damages of any kind caused by uses for which this product was not designed, intended, or tested by AVS Industries, LLC.