



K-FLEX ALU AR 107 PLUS CW (25 Micron ALU)

PRODUCT DESCRIPTION

Foil-Scrim backing (Foil: 25u / 2 Way Scrim: 5x5mm), combined with cold weather solvent acrylic adhesive, protected by an easy-release silicone release paper.

FEATURES

- Aluminum with Fiberglass Scrim backing provides excellent reflection of both heat and light.
- Cold weather adhesive with moderate adhesion offers good sealing and bonding on Foil-Scrim Facing joints and seams in HVAC ductwork application.
- Good aging resistance both indoors and outdoors.
- Low moisture vapor transmission rate offers excellent sealing and patching performance.

TYPICAL PHYSICAL PROPERTIES

| PROPERTIES | METRIC | ENGLISH | TEST METHOD |
|----------------------|---------------|---------------|------------------------|
| Backing Thickness | 50 Micron | 2.0 Mil | PSTC-133 / ASTM D 3652 |
| Total Thickness | 90 Micron | 3.6 Mil | PSTC-133 / ASTM D 3652 |
| Adhesion to Steel | 15 N/25mm | 54 Oz./In. | PSTC-101 / ASTM D 3330 |
| Tack Rolling Ball | 5 cm | 2.0 In. | PSTC-6 / ASTM D 3121 |
| Tensile Strength | 120 N/25mm | 27.3 Lb/In | PSTC-131 / ASTM D 3759 |
| Elongation | 3.0% | 3.0% | PSTC-131 / ASTM D 3759 |
| Service Temperature | -30 ~ +120 °C | -22 ~ +248 °F | ----- |
| Applying Temperature | +10 ~ 40 °C | +50 ~ +105 °F | ----- |

TYPICAL APPLICATIONS: HVAC industry for joining and sealing Foil-Scrim Facing laminated fiberglass blanket / duct board / pipe section joints and seams; joining and sealing flexible air duct seams and connections. May also be used for other industrial uses requiring a tape with these characteristics and benefits.

PRODUCT FORM & SIZE AVAILABLE

Cut Roll: 48 / 50mm (2") / 60 / 63mm (2.5") / 72 / 75mm (3") / 96mm / 100mm (4")
Log Roll: 1200mm x 45 / 50m **Jumbo Roll:** 1200mm x 750m / 800m

IMPORTANT NOTE

1. The data above are typical values only, and should not be used for specifications purpose.
2. Tolerance: Weight and Thickness: $\pm 10\%$; Width: $\pm 3\text{mm}$; Length: Cut Roll: $\pm 0.3\text{m}$, Jumbo Roll $\pm 0.5\%$.

STORAGE & SHELF LIFE: 12 months when stored at 21°C (70°F) / 50% relative humidity out of direct sunlight.

SURFACE PREPARATION: It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied must be clean, dry, free of grease, oil or other contaminants.

PRODUCT USE: It is essential that the user evaluate the product to determine whether it is fit for a particular purpose and user's method of application. Good results will be obtained when applied to a clean, dry surface with a suitable pressure on products between +10 ~ +40°C (+50 ~ +105 °F).