



# K-FLEX ALU AR 107 CW

## (18 Micron ALU)

### PRODUCT DESCRIPTION

Foil-Scrim backing (Foil: 18u / 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	43 Micron	1.7 Mil	PSTC-133 / ASTM D 3652
Total Thickness	83 Micron	3.3 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	100 N/25mm	22.7 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	-----

**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).

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The physical properties of the products shown above are obtained from test methods defined by Technical Standards Authorities, Quality Assurance and Technical Service Departments and do not represent a guarantee of product performance. Individual tapes may vary from these parameters and in all applications the end user should determine whether the product is fit for a particular purpose and is suitable for the user's method of application before use.