



K-FLEX

ALU AA 140 CW

(40 Micron)

PRODUCT DESCRIPTION

A nominal 40 micron (1.6 mil) high tensile strength aluminum foil backing, combined with a cold weather solvent acrylic adhesive, protected by an easy-release silicone release paper.

FEATURES

- Aluminum backing provides excellent reflection of both heat and light.
- Cold weather adhesive with moderate adhesion offers good sealing and bonding on Foil-Scrim-Kraft 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	40 Micron	1.6 Mil	PSTC-133 / ASTM D 3652
Total Thickness	80 Micron	3.2 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	55 N/25mm	12.5 Lb/In	PSTC-131 / ASTM D 3759
Elongation	3.0 %	3.0 %	PSTC-131 / ASTM D 3759
Service Temperature	-35 ~ +120 °C	-31 ~ +248 °F	-----
Fire Rating	25 / 50 & Class O	25 / 50 & Class O	UL 723 & BS476 Pt. 6 & 7

TYPICAL APPLICATIONS: HVAC industry for joining and sealing Foil-Scrim-Kraft Facing laminated fiberglass blanket / duct board joints and seams; joining and sealing flexible air duct seams and connections. General purpose holding, patching, sealing and masking applications – indoors and outdoors.

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 1000m / 1200m / 1350m

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).

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.