



# K-FLEX ALU AA 130 PE CW (25 Micron)

## PRODUCT DESCRIPTION

A nominal 25 micron (1.0 mil) high tensile strength aluminum foil backing, combined with cold weather solvent acrylic adhesive, protected by silicone coated blue polyethylene liner.

## FEATURES

- Blue PE liner, easy recycling and environment friendly.
- 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	25 Micron	1.0 Mil	PSTC-133 / ASTM D 3652
Total Thickness	60 Micron	2.4 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	40 N/25mm	9.1 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	-----
Applying Temperature	+10 ~ 40 °C	+50 ~ +105 °F	-----

**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).