

# K-FLEX® ALUMINUM FOIL TAPE

Cold Weather Aluminum Foil Tape  
Sealing for Sheet Metal Ducts / Connections



## DESCRIPTION

K-FLEX Aluminum Foil Tape has a pliable and malleable foil backing. It is coated with a cold weather solvent acrylic adhesive, protected by an easy-release silicone paper. The 2 mil thickness provides excellent tensile strength, while still easily conforming to irregular surfaces.

## AVAILABILITY

K-FLEX Aluminum Foil Tape is silver in color and is available in 3" and 4" wide, by 150' long rolls. It is also available in cases of 16 rolls (3"), and 12 rolls (4").

## APPLICATIONS

K-FLEX Aluminum Foil Tape is recommended for applications with service temperatures ranging from -31°F to 248°F (-35°C to 120°C).

The product is used to seal joints and seams of HVAC ductwork. It provides a matching appearance for both rigid and flexible metal ductwork. K-FLEX Aluminum Foil Tape has a low moisture vapor transmission rate and is an excellent vapor barrier.

## OUTDOOR APPLICATIONS

K-FLEX Aluminum Foil Tape is well suited for both indoor and outdoor applications.

## INSTALLATION

K-FLEX Aluminum Foil Tape should be installed on clean, dry surfaces that are free of dirt, grease, oil, and other contaminants. The best results will be obtained when the tape is installed between 50°F - 105°F ( 10°C - 40°C ).

## STORAGE

K-FLEX Aluminum Foil Tape should be stored in a cool, dry place, out of direct sunlight. Ideally, it should be stored at a temperature of 70°F with a relative humidity of 50%. Shelf life, when stored properly, is 12 months from date of shipping.

## FLAME AND SMOKE RATING

K-FLEX Aluminum Foil Tape has a flame spread rating of 25 or less and a smoke development rating of 50 or less as tested to UL 723 (ASTM E84), "Surface Burning Characteristics of Building Materials."

Numerical flammability ratings alone may not define the performance of products under actual fire conditions. They are provided only for use in the selection of products to meet limits specified when compared to a known standard.

PHYSICAL PROPERTIES	K-FLEX ALUMINUM FOIL TAPE	TEST METHODS
Main Composition	Aluminum foil backing, with a cold weather solvent acrylic adhesive. Silicone coated release liner.	
Backing Thickness	2.0 mil	PSTC-133 / ASTM D3652
Total Thickness	3.6 mil	PSTC-133 / ASTM D3652
Adhesion to Steel	54 oz / in	PSTC-101 / ASTM D3330
Tack Rolling Ball	2.0 in	PSTC-6 / ASTM D3121
Tensile Strength	17.0 lb / in	PSTC-131 / ASTM D3759
Elongation	3.5%	PSTC-131 / ASTM D3759
Service Temperature	-31°F to 248°F ( -35°C to 120°C )	
Applying Temperature	50°F to 105°F ( 10°C to 40°C )	
Fire Rating	25 / 50	UL 723 / ASTM E84