

KFOIL • KTAPE

Is a lamination of woven fabric on reflective insulation material, coated with adhesive along with release backing.

Insulation material can be either is **PURE ALUMINIUM FOIL** (>98% reflectivity) or **METALIZED FILM** (MPET).

Lamination with **Polyethylene (PE)** layer comes with SUPERIOR moisture and vapor barrier properties. It improved the product flexibility, impermeable to moisture and vapor even when is creased.

Adhesive:

- Acrylic adhesives, which are based upon synthetic polymers, offer improved temperature, solvent and UV resistance when compared with rubber/ resin adhesives. They have high adhesion and shear strength.
- Synthetic adhesives based on synthetic resins and rubbers excel in versatility and performance. Synthetics can be produced in a constant supply and at constantly uniform properties. In addition, they can be modified in many ways and are often combined to obtain the best characteristics for a particular application.

Application (E.g.):

- Sealing
- Joining
- Repairing
- Taping for bulk insulation
- etc



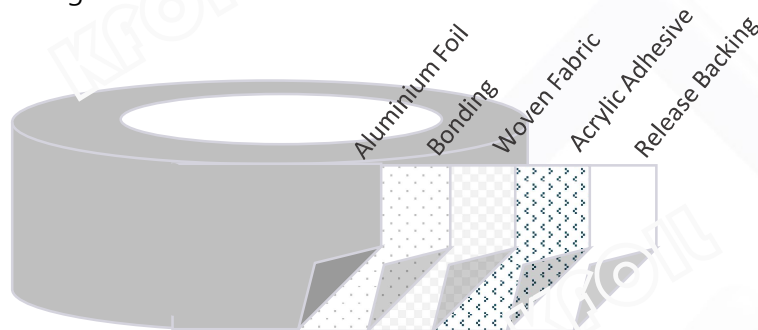
KFOIL • KTAPE KTA K740

Reflective Aluminium Woven Foil Acrylic Tape

It is a lamination of woven fabric on reflective aluminium foil (reflectivity >98%), coated with UV acrylic adhesive along with release backing.

The woven backing layer serves as reinforcement to further strengthen the tape from tearing, ensuring durability and resilience to weather conditions and harsh environment.

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Backing / Release liner material subject to change.
Log size 1.2m width and roll size available with MOQ.

Storage: store in dry and clean place

Shelf life: 12 months when stored at 21°C (70°F) / 50% relative humidity out of direct sunlight. use within 20 months from manufacturing month.

Common size: 48mm x 30m

Packing: 4 rolls / pack
54 rolls / carton

LAYOUT		
Insulation	Pure Aluminium	7 micron
Bonding	Polyethylene	25-30 GSM
Woven fabric	PE	50-70 GSM
Adhesive	UV Acrylic Adhesive	60 GSM
Backing	Release liner	20 micron Glassine White
Total Thickness		210 – 230 micron

TECHINCAL	METHOD	VALUE
Temperature	In house	No delamination
	20 – 60 °C (2-4 hr)	No deformation
UV Acrylic	Service Temperature	-30°C to 139°C -86F to 282.2F
Water Vapor Transmission Rate	ASTM E 96	0.13 – 0.23 g/h.m ²
Water Vapor Permeance	ASTM E 96	0.60 – 0.68 Perm
Water Vapor Permeability	ASTM E 96	0.0007 – 0.0008 Per inch



Technical information provided in this data sheet are typical laboratory averages and are used subject to variation. While the information is believed to be reliable and correct. No guarantee or warranty (expressed or implied) can be made regarding specific applications or patent rights. Product specifications are subject to change without prior notice.

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MEMBERSHIP / RECOGNITION:

