

The *Ideal* Reflective Insulation

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Elaboration Date: 20190320

KFOIL K720

Double Sided Aluminium Paper Foil,
Polyester Yarn Reinforced



STRUCTURE	Foil 2 Way Kraft Foil	
Reinforcement	Polyester Yarn	
Grammage	In House	110 – 120 gsm
Thickness	In House	120 – 170 micron
Tensile Strength	ASTM D 828	MD: 6 – 7 kN/m XD: 4 – 5 kN/m
Corrosion or Delamination	95% RH @ 50°C, 30 days	None
Permeability/ WVTR	ASTM E96-80	Max -0.01 g/h/m ²
Tear Resistant	Good	
Vapour Barrier	Excellent	
Water Resistance	No Delamination	

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.

Product image are for illustrative purpose only and may differ from the actual product. Due to differences in monitor, color of products may also appear different to those shown on the side.

Manufacturer:

K FOIL Insulation (Malaysia) Sdn Bhd

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Website

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- Energy efficiency in passive way



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Width: 1.22m ± 2%
Length: 45 & 60m ± 2%
* Customise size are available upon request

BENEFITS

- ✓ 99% Pure Aluminium Foil with high reflectivity (>0.07) & low emissivity (<0.03) surface.
- ✓ Special bonding layer giving superior vapour barrier.
- ✓ Reinforced with polyester yarn running parallel for higher mechanical product strength and durability.
- ✓ Coupling with minimum of 10mm air space can cut down heat transfer by conduction & convection to negligible figure
- ✓ Product character is stable and will not delaminate when high temperature or humidity
- ✓ Light weight, ease for transportation and during installation.
- ✓ Eco friendly, no crumbling or itchy material used.
- ✓ Resistance to moisture, mold & fungi.

RECOMMENDED APPLICATIONS

- Heat insulation industrial material
- Concrete/Clay tile roofing
- Building wrapping
- Metal Roofing
- Wall insulation
- Foil facing to bulk insulation

ABOUT K FOIL

The PIONEER MANUFACTURER of premium quality KFOIL Reflective insulation, Vapour barrier, Radiant Barrier foil in Malaysia.

Our products majority used for packaging, wrapping for mineral wool or HVAC ducting, construction industry as building wrapping for wall, floor or roofing and etc.

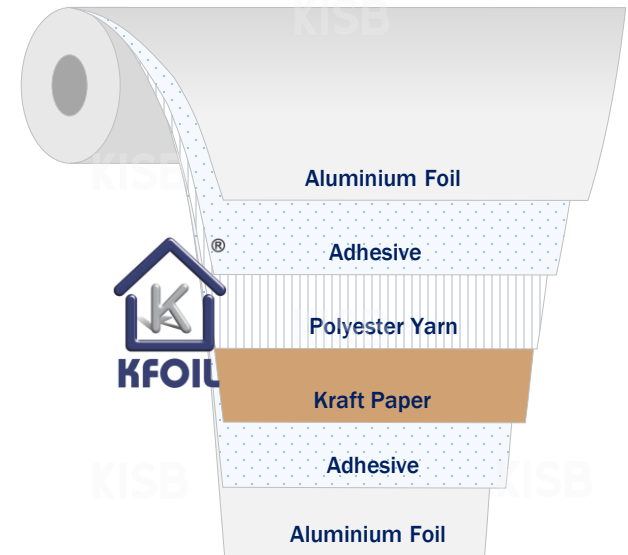
We are looking toward in promoting the GREEN CONCEPT and SUSTAINABLE development of urban infrastructures.

	UV light transmittance	Moisture penetration
Aluminium Foil, 7μ	0 %	0 g/m ² .day
Metalized PET, 12μ	5 %	0.8 g/m ² .day
PE Transparent, 20μ	95 %	3.7 g/m ² .day
PE Opaque, 20μ	30 %	3.7 g/m ² .day
PET Film, 13μ	91 %	31 g/m ² .day
PVC Film, 250μ	-	3.0 g/m ² .day
PP, 300μ	-	0.2 g/m ² .day

(Data sourced from internet)

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