

# The *Q*deal Reflective Insulation

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Elaboration Date: 20190320

## KFOIL K620

Double Sided Reflective Metalized Paper Film,  
Polyester Yarn Reinforced



<b>STRUCTURE</b>	Film   2 Way   Kraft   Film	
<b>Reinforcement</b>	Polyester Yarn	
<b>Basic Weight</b>	In House	95 – 115 gsm
<b>Thickness</b>	In House	130 – 180 microns
<b>Tensile Strength</b>	ASTM D 828	MD: 11 – 12 kN/m XD: 9 – 10 kN/m
<b>Corrosion or Delamination</b>	95% RH @ 50°C, 30 days	None
<b>Permeability/ WVTR</b>	ASTM E96-80	Max -0.01 g/h/m <sup>2</sup>
<b>Tear Resistant</b>	Excellent	
<b>Vapour Barrier</b>	Excellent	
<b>Water Resistance</b>	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

## Go GREEN

- Energy efficiency in passive way



Member of



Energy Efficiency  
Program Collaborator



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Width: 1.25m ± 2%  
Length: 45 & 60m ± 2%  
\* Customise size are available upon request

## BENEFITS

- ✓ Metalized Film (high optical density) with high reflectivity (>0.75-0.95) & low emissivity (<0.25-0.05) 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

- Building wrapping
- Concrete/Clay tile roofing
- Metal roofing
- Wall insulation
- Foil facing to bulk installation
- Backing Material PU Foam

## 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.

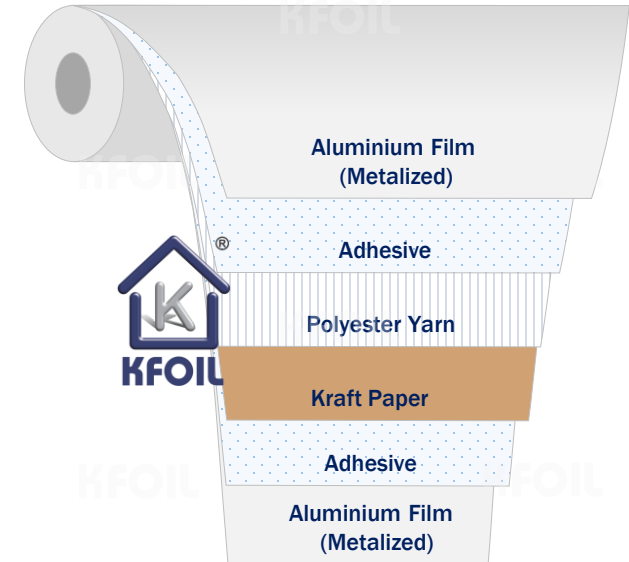
We are looking toward in promoting the GREEN CONCEPT and SUSTAINABLE development of urban infrastructures.

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

(Data sourced from internet)

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