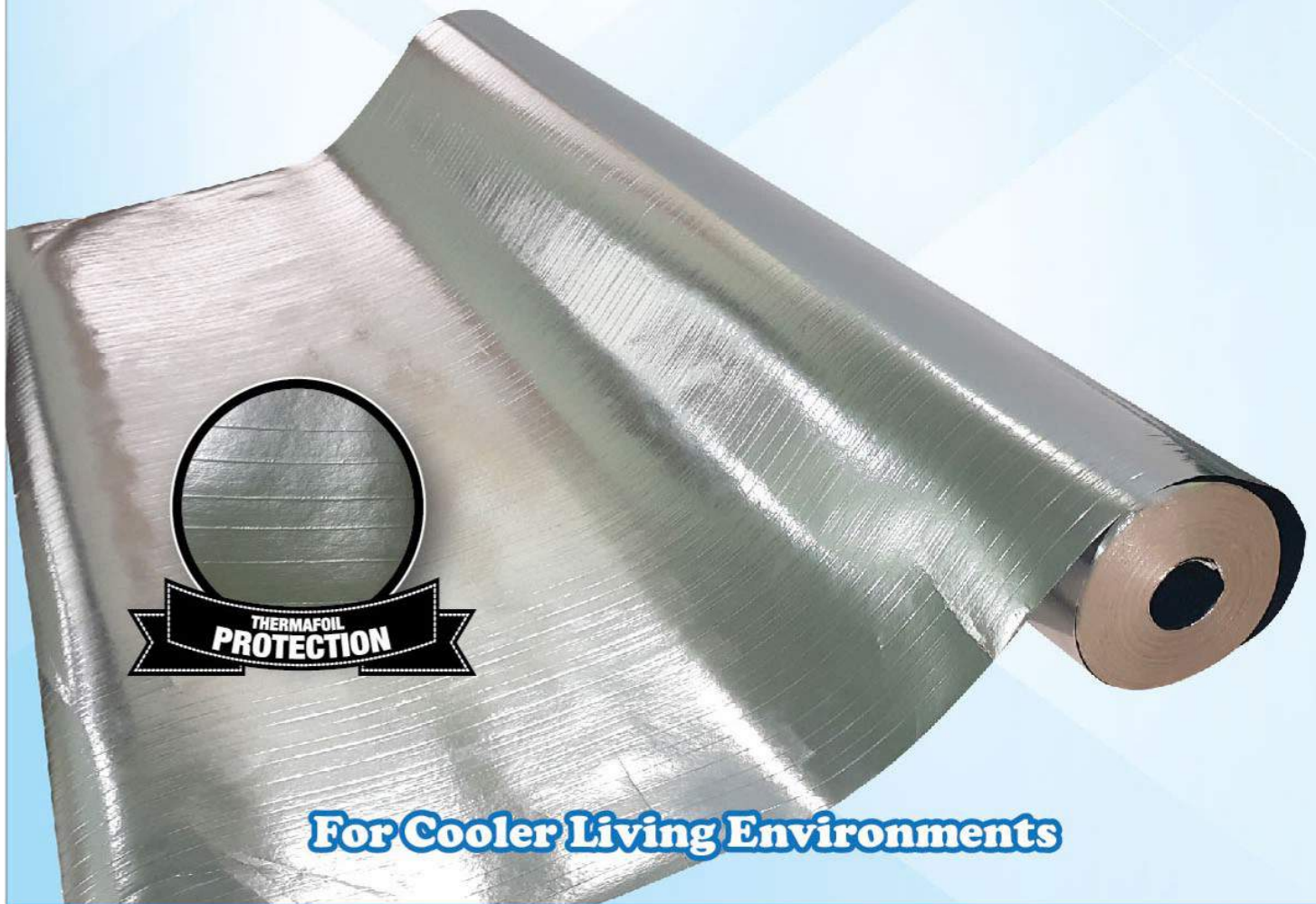


THERMAfoil™

THERMAL REFLECTIVE INSULATION

Paper Series



For Cooler Living Environments



ECOMICAL THERMAL PROTECTION
- Reflectivity of radiation heat up to 55%



SAFETY
- Fibre-free, no health & safety risks
- Hazard free, non-asthmatic, anti bacteria & anti fungal



ECO FRIENDLY & EASY INSTALLATION
- Lightweight & strong to make installation works much efficient



ENERGY & COST SAVING
- Create a cooler interior to reduce the use of air-conditioners



MADE IN MALAYSIA
- Locally produced with latest lamination technology

Product Code PS1, PS2

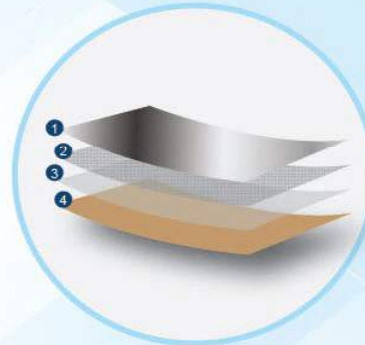
Single-sided / Double-sided lamination of metalized film and reinforced with high quality kraft paper & polyester yarn for increased strength. The Paper Series Foil is used as a radiant & vapour barrier which can be applied on to mineral wool, rock wool or glass wool fittings. It is commonly used for residential, industrial, commercial & warehouses.

APPLICATION

Resident Concrete / Clay Tiles
Roofing, Industrial / Commercial Metal
Roofing, Poultry House Metal Roofing
and House Wrapping.

SINGLE-SIDED PAPER FOIL

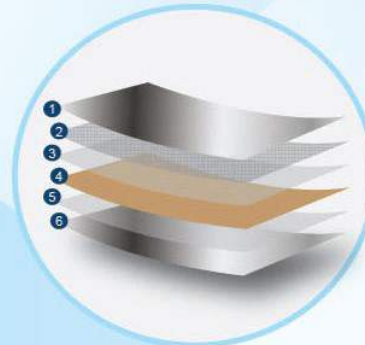
PS1



1. Metalized Film
2. Polyester Yarn
3. Tie Layer
4. Quality Kraft Paper

DOUBLE-SIDED PAPER FOIL

PS2



1. Metalized Film
2. Polyester Yarn
3. Tie Layer
4. Quality Kraft Paper
5. Tie Layer
6. Metalized Film

Technical Data

Description	Test Method	Units	Specification	
			PS1	PS2
Emissivity	ASTM E 408	index	≤ 0.50 (55 ± 5%)	≤ 0.50 (55 ± 5%)
Grammage	Electronic Scale	gsm	100 ± 10	120 ± 10
Thickness	Digital Caliper	micron	140 ± 20	180 ± 20
Tensile strength MD	ASTM D5035	N/25mm	160 ± 20	190 ± 20
Tensile strength CD	ASTM D5035	N/25mm	130 ± 20	160 ± 20
Tear strength MD	ASTM D1004-94	N/25mm	33 ± 20	43 ± 3
Tear strength CD	ASTM D1004-94	N/25mm	30 ± 3	36 ± 3
Elongation MD	ASTM D5035	%	14 ± 2	15 ± 2
Elongation CD	ASTM D5035	%	12 ± 2	18 ± 2
Puncture Resistance	ASTM F1306-90	newton	53 ± 2	58 ± 2
Water Vapor Transmission	ASTM E96	g/hr/m ²	2.0 - 4.0	1.0 - 3.2

Specification Sample

ROOFSEAL THERMAFOIL™
(PS1 or PS2) Paper Foil With Metalized Film And Metalized Film Bonded To High Quality Kraft Paper Laid On Top Of Roofseal Roofing Mesh
(Roofseal BRC3315 Galvanised Wire Mesh or Roofseal 25mm Hexagonal Galvanised Wire Netting).

* By Roofseal Resources (M) Sdn Bhd
Tel : 03-8723 4776 Fax: 03-8723 4775

* Details in accordance with manufacturer's instructions

ROOFSEAL TOTAL INSULATION SOLUTIONS