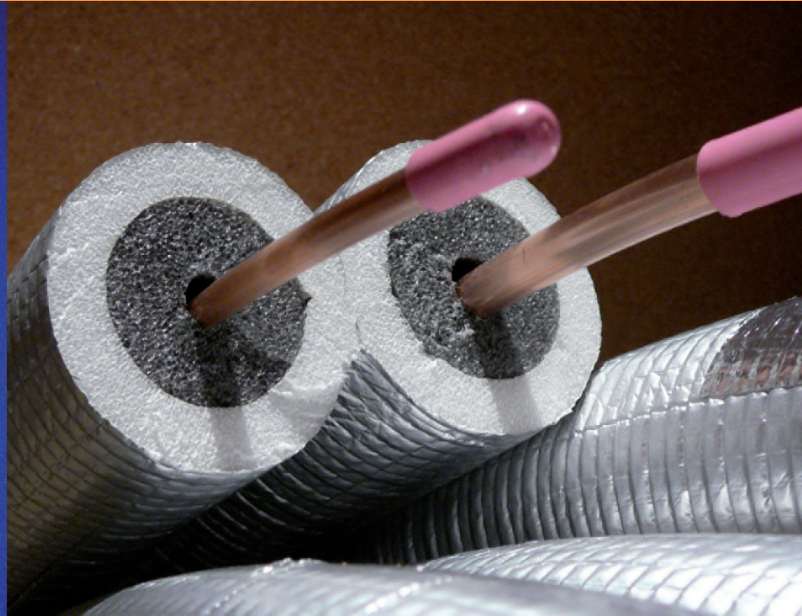


# Thermacoil™

**THERMOBREAK**

## Pair Coil Pipe Insulation



## BENEFITS

- 4 Zero fire rated to AS1530.3
- Aluminium foil vapour barrier
- 10 mm, 15 mm, 20 mm & 25 mm wall thicknesses
- Copper tube manufactured to AS/NZS 1571
- Suitable for R410A Refrigerant
- Easy installation
- Installation of pipe work in half the time

## FEATURES

- Aluminium foil is coated with a film for strength and slip to allow ease of installation through tight spaces
- Insulation is made of fire retardant crosslinked closed cell polyethylene foam
- 20 metre and 15 metre coils, packed in cardboard cartons for protection and ease of transport
- Improved UV resistance over plastic films
- Heat resistant to 105 °C constant, 120 °C in peaks

Thickness combinations available:

10 mm + 10 mm

15 mm + 20 mm

25 mm + 25 mm

In all standard pair coil copper sizes.

**SEKISUI**

**FOAM**  
INTERNATIONAL  
Global Foam Solutions



**Youngbo Australia**

15/853 Nudgee Road

Northgate QLD 4013

Tel: +61 7 3267 7100

Fax: +61 7 3267 7166

[www.youngbo.com.au](http://www.youngbo.com.au)

# Pair Coil Specifications

Pair Type (ID mm)	Wall Thickness (mm)	Pair coil length (m)	Carton dimensions (cm)	Weight Per coil (kg)
6.35 + 9.52 (1/4"+3/8")	10 + 10	20	51 x 51 x 41.5	7.5
	15 + 20	15	61 x 61 x 41.5	7.26
	25 + 25	15	91 x 91 x 41.5	9.46
6.35 + 12.70 (1/4" + 1/2")	10 + 10	20	51 x 51 x 41.5	8.95
	15 + 20	15	61 x 61 x 41.5	8.35
	25 + 25	15	91 x 91 x 41.5	10.55
6.35 + 15.88 (1/4" + 5/8")	10 + 10	20	51 x 51 x 41.5	12.05
	15 + 20	15	61 x 61 x 41.5	10.88
	25 + 25	15	91 x 91 x 41.5	13.08
9.52 + 12.70 (3/8" + 1/2")	10 + 10	20	51 x 51 x 41.5	10.43
	15 + 20	15	61 x 61 x 41.5	9.41
	25 + 25	15	91 x 91 x 41.5	11.83
9.52 + 15.88 (3/8" + 5/8")	10 + 10	20	51 x 51 x 41.5	13.53
	15 + 20	15	61 x 61 x 41.5	11.96
	25 + 25	15	91 x 91 x 41.5	14.36
9.52 + 19.05 (3/8" + 3/4")	10 + 10	20	51 x 51 x 41.5	16.40
	15 + 20	15	61 x 61 x 41.5	14.56
	25 + 25	15	91 x 91 x 41.5	16.96
12.70 + 19.05 (1/2" + 3/4")	10 + 10	20	51 x 51 x 41.5	18.61
	15 + 20	15	61 x 61 x 41.5	15.85
	25 + 25	15	91 x 91 x 41.5	18.05

## Insulation properties in accordance with KS L 9016:2005

Thermal conductivity	Tensile Strength	Water absorption	Water vapour coefficient
0.035W/mk	0.45 Mpa (JIS 6767)	>0.1%	0.05 g/m <sup>2</sup> /24hr (ASTM E96)

## Fire Rating in accordance with AS1530.3

Ignitability	0	(0-20)
Spread of flame	0	(0-10)
Heat evolved	0	(0-10)
Smoke evolved index	0	(0-10)

## R Values in accordance with AS/NZS 4859.1:2002

Wall thickness Tube size	Wall thickness (R@23°C)			
	10 mm	15 mm	20 mm	25 mm
6.35 mm	0.56	0.91	1.32	1.76
9.52 mm	0.48	0.80	1.17	1.56
12.70 mm	0.44	0.74	1.07	1.43
15.88 mm	0.42	0.70	1.00	1.34
19.05 mm	0.41	0.66	0.95	1.27

**For safe working pressures and refrigerant working pressures on the copper tube, please contact Youngbo Australia for additional data.**

The figures contained in this brochure are not standard but merely representative values from tests. Youngbo Australia makes no warranty or recommendations as to the use of Thermacoil for a particular purpose. Further, data contained herein are typical laboratory results only, and do not represent a guarantee of performance in any application. It is the customer's responsibility to satisfy themselves that the product is fit for the purpose for which they intend to use it.