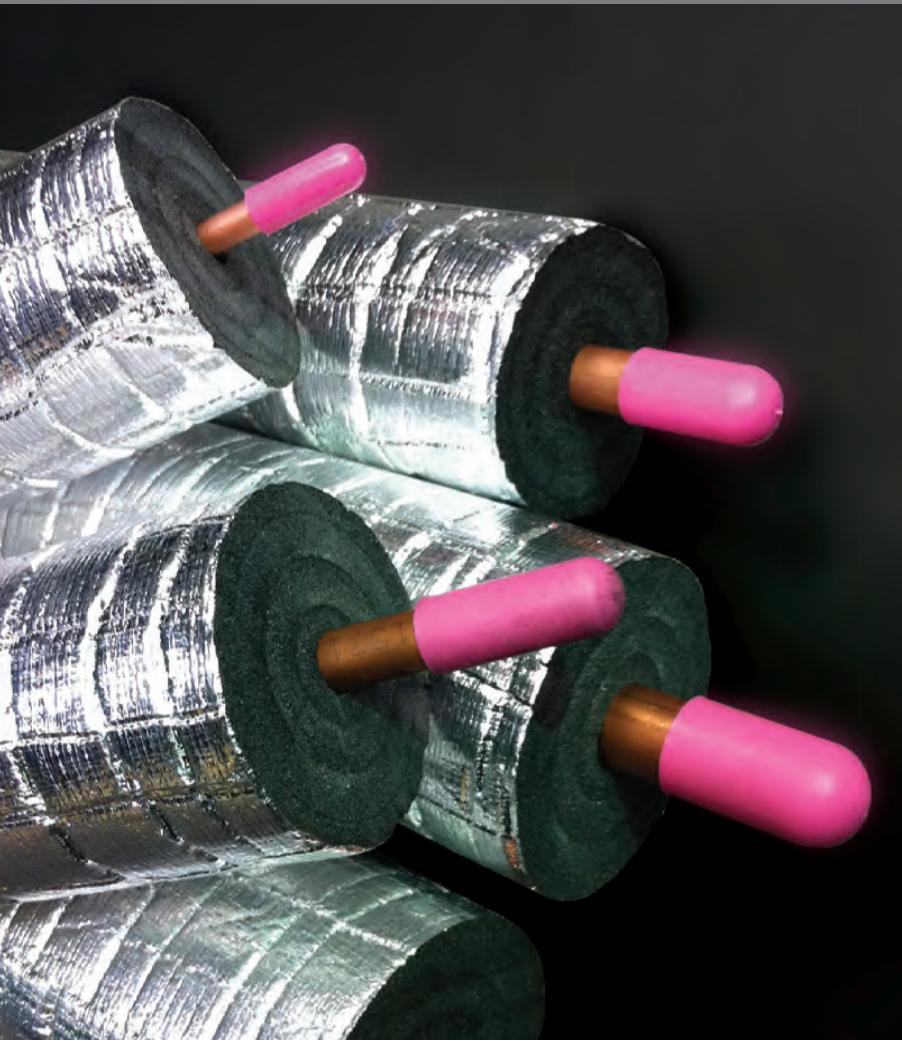


# THERMOBREAK<sup>®</sup> Thermacoil

AUSTRALIAN MADE PRE-INSULATED PIPE INSULATION



## Applications

- VRF pipe insulation
- DX pipe insulation
- Multi unit inverter split systems
- Single inverter split systems
- Cool/freezer room pipe insulation

## Features

- **Non Slit Tube** in 15m coils from 6mm to 19mm in 20mm, 25mm wall, with or without R410A Refrigerant grade copper pipe
- **Non Slit Tube** in 5m lengths from 6mm to 42mm in 20mm, 25mm, 40mm wall
- **2m Non Slit** also available
- Other wall thicknesses available on request

## Benefits

- Compliant to NCC minimum R-Values for refrigeration systems
- Aluminium foil vapour seal to ensure long term performance
- 4 ZERO Fire Rated to AS1530.3
- Green Star compliant (low VOC)
- NATSPEC listed
- Copper tube manufactured to AS/NZS 1571

SEKISUI

**FOAM**  
INTERNATIONAL  
Global Foam Solutions

**PHYSICALLY**  
CROSSLINKED  
SEKISUI TECHNOLOGY

# THERMOBREAK<sup>®</sup> Thermacoil

## AUSTRALIAN MADE PRE-INSULATED PIPE INSULATION

### Installation Accessories



#### THERMALOC™

- Sections lock easily together
- Tough and durable
- Closed cell so will not absorb moisture
- AS1530.3 compliant foil faced
- No erosion with pipe movement
- Made from recycled materials and is recyclable



#### FI-BLOCK

- Achieves a FRL of -/120/120 (Conditional to system type. Contact Sekisui Foam Australia for specific details).
- No metal sleeves required
- Easy installation over in-situ piping
- Fully tested to AS1530.4 and AS4072

### Technical Data

**Material:** Physically (irradiation) crosslinked polyolefin foam with factory applied reinforced foil.

Density:	25kg/m <sup>3</sup> (foam core only)
Thermal Conductivity: (ASTM C518)	0.032 W/mK @ 23° C mean temperature
Water Vapour Permeability: (ASTM E96)	2.3 x 10 <sup>-15</sup> kg/Pa.s.m
Water Absorption by Volume: (JIS K6767)	< 0.1% v/v (0.00038g/cm <sup>3</sup> )
Resistance to Fungi: (ASTM G21)	Zero Growth
Operating Temperature:	-80° C to 100° C

### Fire Rating

AS1530.3(1999)	
Spread of Flame Index:	0
Heat Evolved Index:	0
Ignitability Index:	0
Smoke Developed Index:	0-1

### R Values-compliant with NCC, Section J

Wall thickness (mm)	10	15	20	25	30	35	40	50
Pipe ID (mm)	Thermobreak - minimum R Value							
6	0.60	1.01	1.46	1.95	2.47	3.02	3.58	4.76
9	0.53	0.89	1.30	1.73	2.20	2.68	3.19	4.25
12	0.49	0.82	1.19	1.59	2.02	2.46	2.93	3.91
15	0.46	0.77	1.12	1.49	1.89	2.30	2.74	3.66
19	0.44	0.73	1.04	1.39	1.76	2.15	2.55	3.41
22	0.42	0.70	1.00	1.33	1.69	2.06	2.44	3.27
25	0.41	0.68	0.97	1.29	1.63	1.98	2.35	3.14
27	0.41	0.67	0.95	1.26	1.59	1.94	2.30	3.07
32	0.39	0.64	0.91	1.21	1.52	1.85	2.19	2.92
34	0.39	0.63	0.90	1.19	1.49	1.82	2.16	2.87
38	0.38	0.62	0.88	1.15	1.45	1.76	2.09	2.78
42	0.38	0.61	0.86	1.13	1.41	1.72	2.03	2.70

\* For R Values on larger pipes contact Sekisui Foam Australia.

Thermobreak is a registered trademark of Sekisui Chemical Co. Ltd. or its subsidiaries.



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