

THERMOBREAK™
ECO TUBE
Pipe Insulation

**Closed cell foil-faced
pipe insulation for
Hot & Chilled Water**

BS 476 Class "0"
AS 1530.3



SEKISUI **pilon**

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Features

- > Completely closed cell, crosslinked pipe insulation.
- > Heat bonded factory applied reinforced aluminium foil.
- > Pre-slit for ease of installation. No special tools required.
- > Flexible, tough and durable.
- > Contains no chlorinated or dangerous combustion compounds.
- > Excellent compression resistance due to its crosslinked foam structure.
- > Superior vapour transmission resistance compared to other flexible closed cell foams.
- > Very high vapour diffusion resistance. No more chilled water pipe condensation.
- > Can be used outdoors.

Size Availability

Wall thickness range: 15mm, 20mm, 25mm, 30mm, 35mm and 50mm

Internal Diameter (ID) Range:

12.7mm (1/2") to 140mm (5")

Other sizes available on request.

Tube length: 2 metres

Stock availability dependent on region

Technical Data

Material:	Crosslinked polyolefin foam with factory applied 9um reinforced foil.
Density:	25 Kg/m ³ (foam core only)
Thermal Conductivity: (ASTM C518)	0.038 W/mK (@ 23°C mean temperature)
Water Vapour Permeability: (ASTM E96)	8.19 X 10 ⁻¹⁵ Kg/Pa.s.m (0.029 mg.m/N.h)
Permeability resistance factor:	μ>10,000
Water absorption by volume:	0.8% (after 28 days)
Resistance to Fungi:	Excellent
Ozone Resistance:	Excellent
UV Resistance:	Excellent
Operating temperature:	-80°C to 105°C

Fire and Smoke Behaviour

BS 476 part 7: Surface spread of Flame	Class 1
BS 476 part 6: Fire Propagation	Class 0
AS 1530.3 (1989) Spread of Flame index:	0
Heat Evolved Index:	0
Ignability index:	0
Smoke Develop. Index:	0-1

* All tests are certified by independent laboratories.