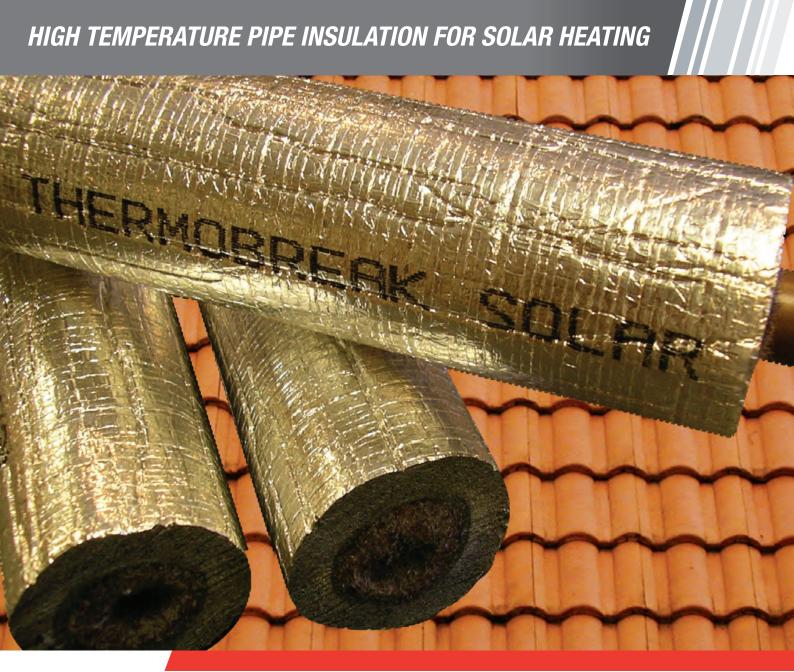
THERMOBREAK Solar



Thermobreak® Solar is a high temperature pipe insulation for solar water heating systems.

- Slide on
- **UV** Resistant
- 160°C Operating Temperature







THERMOBREAK Solar

TECHNICAL SPECIFICATIONS



Features

- Designed for long term outdoor exposure to high water temperatures encountered in solar heating.
- Heat bonded factory applied reinforced aluminium foil.
- Highly heat resistant internal layer.
- Flexible, tough and durable.
- Excellent compression resistance due to crosslinked foam structure.
- Superior insulating properties compared to other flexible closed cell foams.
- Superior UV resistance compared to PVC nitrile elastomeric foams.
- Contains up to 50% recycled content.
- No cladding required.

Size Availability

15mm wall thickness to fit all standard copper pipe diameters from 12.7mm (1/2") to 50mm (2").

For Other sizes and thicknesses, contact Sekisui Foam Australia.

(Other lengths available on request)

Distributed by



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

Technical Data

Material: Physically (irradiation) crosslinked closed cell polyolefin foam with factory applied reinforced aluminium foil and 6mm highly heat resistant internal layer 25kg/m³ (foam only) Density: Thermal Conductivity: 0.035 W/mK (@ 23°C mean (ASTM C518) temperature) Water Vapour Permeance: $0.000195 \, \mu g/N.s$ (ASTM E96) 12mm thickness Permeability resistance factor: $\mu > 80,000$ Resistance to Fungi & Mould: Excellent (ASTM G21) Ozone Resistance: Excellent **UV** Resistance: Excellent (ISO 4892.3; AS 3706.11)

-40°C to 160°C

190°C

Flammability

AS 1530.3 (1999)

Spread of Flame Index: 0

Operating Temperature:

Intermittent Temperature:

Heat Evolved Index: 0

Ignitability Index: 0

Smoke Develop Index: 0-1

Compliance

Complies with the Building Code of Australia requirements under AS/NZS 4859.1, AS/NZS 3500.4, AS/NZS 1530.3.











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