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

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

**Technical Data**

- **Material:** Physically (irradiation) crosslinked closed cell polyolefin foam with factory applied reinforced aluminium foil and 6mm highly heat resistant internal layer.
- **Density:** 25kg/m³ (foam only)
- **Thermal Conductivity:** 0.035 W/mK (@ 23°C mean temperature)
- **Water Vapour Permeance:** 0.000195 μg/N.s
- **Permeability resistance factor:** μ>80,000
- **Resistance to Fungi & Mould:** Excellent
- **Ozone Resistance:** Excellent
- **UV Resistance:** Excellent
- **Operating Temperature:** -40°C to 160°C
- **Intermittent Temperature:** 190°C

**Flammability**

- **AS 1530.3 (1999)**
  - Spread of Flame Index: 0
  - Ignitability Index: 0
  - Heat Evolved Index: 0
  - Smoke Developed 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.