

THERMOBREAK[®] Thermaloc XT

HOT & COLD PIPE SUPPORTS

NEW



Thermobreak Thermaloc XT is a new generation closed cell foam pipe support offering superior compression performance, an extremely low k value and excellent heat resistance.

SEKISUI

FOAM
INTERNATIONAL
Global Foam Solutions

PHYSICALLY
CROSSLINKED
SEKISUI TECHNOLOGY

THERMOBREAK[®] Thermaloc XT

TECHNICAL SPECIFICATIONS

Product Features

Thermobreak XT is the latest innovation in pipe supports from Sekisui Foam Australia featuring:

- > Improved K value of 0.037 w/mK
- > High compression resistance, which allows Thermobreak Thermaloc XT to bear the weight of heavier pipes.
- > Excellent chemical resistance.
- > Closed cell so will not absorb moisture or degrade over time.
- > Quick and safe application.
- > Superior heat resistance compared to other pipe supports on the market.
- > Compliant to AS1530.3 as required by the NCC of Australia (when foil faced):

Ignitability Index	0
Spread of Flame Index	0
Heat Evolved Index	0
Smoke Develop Index	2

Physical Properties

Material:	Closed cell rigid foam
Density:	100kg/m ³
Thermal Conductivity:	0.037 W/mK
Compression Strength: (internal)	1128 kPa @ 10% deflection 1263 kPa @ 25% deflection
Ozone Resistance:	Excellent
UV Resistance:	Excellent
Water absorption by volume:	< 1% v/v
Resistance to fungi (foil faced): (ASTM G21)	Good
Leachable Chlorides: (ASTM C871)	< 12 ppm (< 0.0012% w/w)

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Size Availability

Wall thickness available: 13mm, 15mm, 20mm, 30mm, 40mm, 50mm, 63mm and made to order wall thickness and ID.

Length on pipe: 50mm is the standard supplied thickness however Thermaloc XT can be joined together in multiples of 50mm to provide longer lengthblocks such as 100mm, 150mm & 200mm

Benefits of Thermaloc XT

Shear & Tensile Strength and Crush Resistance

Pipes contract and expand when undergoing swift temperature changes and can put a lot of force on a pipe support.

Thermaloc XT is a highly engineered material, designed to withstand extreme shear & tear strengths, temperature fluctuations and pressure from pipe movements.

Superior Thermal Properties

Thermaloc XT has a k value of 0.037 w/mK, which is in line with Thermobreak pipe insulation. These improved thermal properties in combination with the closed cell material mean greater protection from sweating and moisture absorption.

Hardness

Thermaloc XT has an exceptionally high compressive strength allowing for larger weights to be supported.

**Note: The force on a pipe support varies in accordance with the pipe size, the pipe type and the spacing from one pipe support to the next.

Heat Resistance

Traditional pipe supports are commonly limited to a maximum operating temperature of 100 deg C. Thermaloc XT is made from an innovative new material that can be used in temperatures up to 150 degrees C without compromising compressibility of the bloc.

*subject to pipe, size, & spacing between blocs. Contact Sekisui for further advice.

Distributed by



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