

THERMOBREAK®

High-performance
Thermal & Acoustic Insulation

Thermobreak®
THERMALOC



Support. Engineered.

Thermobreak Thermaloc is the lightweight yet incredibly tough closed-cell pipe support for hot and cold piping systems. Engineered for performance and built to last, it delivers superior load-bearing capacity while preventing condensation and absorbing pipe movements. Easy installation. No cutting. No mess.

300kg/m³

Very high density that can withstand high loads.

< 1%

Almost zero water absorption.

105°C

Suitable for use at high temperature range.

UV

Excellent UV resistance, suitable for outdoor use.

Technical Data

Material	High density, cross-linked closed cell polyolefin foam	
	Metric	Imperial
Density	300kg/m ³	18lb/ft ³
Operating Temperature Range	-40°C to 105°C	-40°F to 221°F
Water Absorption (ASTM C1763)	< 1% v/v (Procedure B, 24 hours)	
Compression Strength (JIS K6767)	850 kPa @ 10% deflection 970 kPa @ 25% deflection 540 kPa @ 50% deflection	
VOC Emission Rate (ASTM D5116)	Low VOC	

*Technical data may be plant specific. Please consult the Thermobreak Thermaloc Technical Data Sheet for full technical data.

Size availability

Wall Thickness		ID Size Range		Length Range	
Metric	Imperial	Metric	Imperial	Metric	Imperial
13mm	1/2"	6.35mm to 450mm	1/4" to 17 5/8"	50mm to 100mm	2" to 4"
20mm	3/4"	6.35mm to 450mm	1/4" to 17 5/8"	50mm to 100mm	2" to 4"
25mm	1"	6.35mm to 450mm	1/4" to 17 5/8"	50mm to 100mm	2" to 4"
30mm	5/8"	6.35mm to 450mm	1/4" to 17 5/8"	50mm to 100mm	2" to 4"
40mm	3/4"	6.35mm to 450mm	1/4" to 17 5/8"	50mm to 100mm	2" to 4"
50mm	1"	6.35mm to 450mm	1/4" to 17 5/8"	50mm to 100mm	2" to 4"
63mm	2 1/2"	6.35mm to 450mm	1/4" to 17 5/8"	50mm to 100mm	2" to 4"
75mm	3"	6.35mm to 450mm	1/4" to 17 5/8"	50mm to 100mm	2" to 4"

*Other sizes available upon request



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