



INSULATION

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THERMAL LAGGING

Premium performance pipe insulation offering lower costs and maximum energy savings.

PRODUCT DESCRIPTION

- Completely closed cell, physically crosslinked foam pipe insulation.
- Heat bonded factory applied reinforced aluminium foil.
- Pre-slit for faster installation.
- Flexible, tough and durable.
- Excellent compression resistance due to its crosslinked foam structure.
- Superior insulating properties compared to other flexible closed cell foams.
- Very high vapour diffusion resistance, Class 1 Vapour Retarder under ASHRAE 2009.
- No claddings required for internal applications.
- Conforms to ISO 5659-2 "Smoke Density and Toxicity".
- Anti-microbial.
- Green Star Compliant Product (VOC).
- Complies to NFPA 90A & NFPA 90B.



Reinforced Aluminium Foil

Very high vapour diffusion resistance

THERMAL LAGGING NO-CLAD

No-Clad thermal lagging is wrapped in a puncture resistant and saltater resistant multilayer aluminum foil that has a UV and weather durable coating. Perfect for the outdoors and harsh environments.

* No-Clad available on request



THERMAL LAGGING - 25MM	
CODE	DESCRIPTION
55FF1.2X2.4X0.025	Foil Faced Thermal Lagging Sheet - 1.2m x 2.4m x .025m (2.8m sq)
55FF1.2X2.4X0.025-NC	Foil Faced No Clad Thermal Lagging Sheet - 1.2m x 2.4m x .025m (2.8m sq)
55FF15CUX25	Foil Faced Thermal Lagging - 15Cu x25mm x2mtr
55FF16CUX25	Foil Faced Thermal Lagging - 16Cu x25mm x2mtr
55FF20CUX25	Foil Faced Thermal Lagging - 20Cu x25mm x2mtr
55FF22CUX25	Foil Faced Thermal Lagging - 22Cu x25mm x2mtr
55FF25CUX25	Foil Faced Thermal Lagging - 25Cu x25mm x2mtr
55FF27CUX25	Foil Faced Thermal Lagging - 27Cu x25mm x2mtr
55FF28CUX25	Foil Faced Thermal Lagging - 28Cu x25mm x2mtr
55FF32CUX25	Foil Faced Thermal Lagging - 32Cu x25mm x2mtr
55FF34CUX25	Foil Faced Thermal Lagging - 34Cu x25mm x2mtr
55FF35CUX25	Foil Faced Thermal Lagging - 35Cu x25mm x2mtr
55FF38CUX25	Foil Faced Thermal Lagging - 38Cu x25mm x2mtr
55FF40CUX25	Foil Faced Thermal Lagging - 40Cu x25mm x2mtr
55FF42CUX25	Foil Faced Thermal Lagging - 42Cu x25mm x2mtr
55FF48CUX25	Foil Faced Thermal Lagging - 48Cu x25mm x2mtr
55FF50CUX25	Foil Faced Thermal Lagging - 50Cu x25mm x2mtr
55FF51CUX25	Foil Faced Thermal Lagging - 51Cu x25mm x2mtr
55FF54CUX25	Foil Faced Thermal Lagging - 54Cu x25mm x2mtr
55FF60CUX25	Foil Faced Thermal Lagging - 60Cu x25mm x2mtr
55FF64CUX25	Foil Faced Thermal Lagging - 64Cu x25mm x2mtr
55FF65CUX25	Foil Faced Thermal Lagging - 65Cu x25mm x2mtr
55FF67CUX25	Foil Faced Thermal Lagging - 67Cu x25mm x2mtr
55FF76CUX25	Foil Faced Thermal Lagging - 76Cu x25mm x2mtr
55FF80CUX25	Foil Faced Thermal Lagging - 80Cu x25mm x2mtr
55FF89CUX25	Foil Faced Thermal Lagging - 89Cu x25mm x2mtr
55FF91CUX25	Foil Faced Thermal Lagging - 91Cu x25mm x2mtr
55FF100CUX25	Foil Faced Thermal Lagging - 100Cu x25mm x2mtr
55FF102CUX25	Foil Faced Thermal Lagging - 102Cu x25mm x2mtr
55FF110CUX25	Foil Faced Thermal Lagging - 110Cu x25mm x2mtr
55FF115CUX25	Foil Faced Thermal Lagging - 115Cu x25mm x2mtr
55FF125CUX25	Foil Faced Thermal Lagging - 125Cu x25mm x2mtr
55FF127CUX25	Foil Faced Thermal Lagging - 127Cu x25mm x2mtr
55FF141CUX25	Foil Faced Thermal Lagging - 141Cu x25mm x2mtr
55FF150CUX25	Foil Faced Thermal Lagging - 150Cu x25mm x2mtr
55FF152CUX25	Foil Faced Thermal Lagging - 152Cu x25mm x2mtr
55FF160CUX25	Foil Faced Thermal Lagging - 160Cu x25mm x2mtr
55FF168CUX25	Foil Faced Thermal Lagging - 168Cu x25mm x2mtr
55FF180CUX25	Foil Faced Thermal Lagging - 180Cu x25mm x2mtr
55FF204CUX25	Foil Faced Thermal Lagging - 204Cu x25mm x2mtr
55FF219CUX25	Foil Faced Thermal Lagging - 219Cu x25mm x2mtr
55FF225CUX25	Foil Faced Thermal Lagging - 225Cu x25mm x2mtr
55FF250CUX25	Foil Faced Thermal Lagging - 250Cu x25mm x2mtr
55FF254CUX25	Foil Faced Thermal Lagging - 254Cu x25mm x2mtr
55FF280CUX25	Foil Faced Thermal Lagging - 280Cu x25mm x2mtr

*Other wall thickness available on request.



FOAM BLOCKS

Light weight and extremely tough, Thermobreak Thermaloc is a high density closed cell, cross linked polyethylene polymer foam pipe support for hot and cold applications.

EASY & SAFE TO INSTALL

Thermaloc installation is as simple as placing the two pieces over the pipe, squeezing together gently and applying foil tape (supplied separately). No cutting required means no fibres, no dust, no mess to clean up afterwards and no need for protective face masks and gloves.

BUILT TO PERFORM, BUILT TO LAST

Thermaloc's closed cell technology is unaffected by water and humidity. It is also resistant to detergents, diluted acids, alkalis, alcohols, esters and fungi, ensuring performance in even the most demanding applications and over the life of the installation.

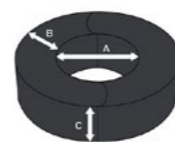
Physical Properties

Material:	Crosslinked Closed Cell Polyolefin Foam
Density:	300kg/m ³
Moisture absorption by volume: (internal)	<1% w/w
Resistance to fungi:	Good
Ozone Resistance:	Excellent
UV Resistance:	Excellent
Operating Temperature Range:	-40 °C to 105 °C
Thermal Conductivity: (ASTM C518)	0.069 W/mk
VOC Emission Rate: (ASTM D5116)	Low VOC Emitting ("Green Star")
Compression Strength: (internal)	850 kPa @ 10% deflection 970 kPa @ 25% deflection 1540 kPa @ 50% deflection



Size Availability

Nominal ID A (mm) Sizes: 6.35 to 450 Materials: Available in Copper, IPS & PPR
BS 6853 Annex B (mm)
13 40
15 50
25 55
30 63
*Other wall thickness available upon request
On Pipe Length C (mm) 50 75 (available on request)
*Flat based Thermaloc available for pipe sizes DN 100 / NPS 4 & above

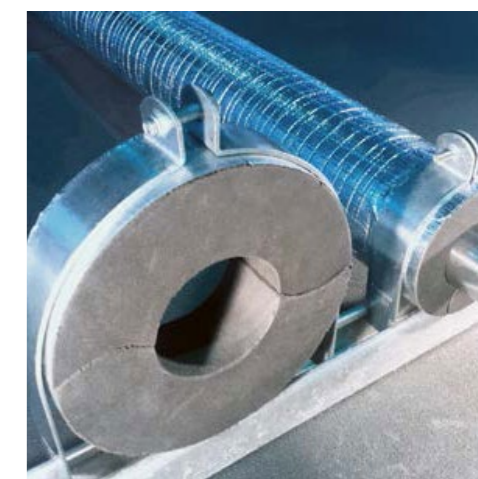
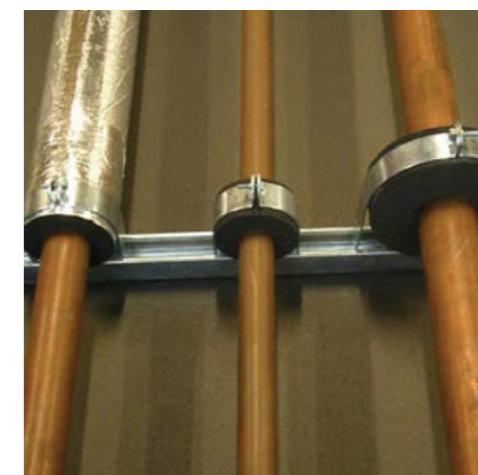


Fire & Smoke Performance

BS 6853 Annex B (Smoke Toxicity)	Complies (R<1.0)
BS 6853 Annex B (Foil Tape Faced)	Complies (AS 4254)

HOT & COLD PIPE SUPPORTS

THERMALOC	
CODE	EXTENDED DESCRIPTION
53TLPS20X25F	Thermaloc Foam Block 20mm Wall x 25mm ID
53TLPS23X25F	Thermaloc Foam Block 23mm Wall x 25mm ID
53TLPS25X20F	Thermaloc Foam Block 25mm Wall x 20mm ID
53TLPS25X22F	Thermaloc Foam Block 25mm Wall x 22mm ID
53TLPS25X25F	Thermaloc Foam Block 25mm Wall x 25mm ID
53TLPS25X27F	Thermaloc Foam Block 25mm Wall x 27mm ID
53TLPS25X28F	Thermaloc Foam Block 25mm Wall x 28mm ID
53TLPS25X32F	Thermaloc Foam Block 25mm Wall x 32mm ID
53TLPS25X34F	Thermaloc Foam Block 25mm Wall x 34mm ID
53TLPS25X35F	Thermaloc Foam Block 25mm Wall x 35mm ID
53TLPS25X38F	Thermaloc Foam Block 25mm Wall x 38mm ID
53TLPS25X40F	Thermaloc Foam Block 25mm Wall x 40mm ID
53TLPS25X42F	Thermaloc Foam Block 25mm Wall x 42mm ID
53TLPS25X48F	Thermaloc Foam Block 25mm Wall x 48mm ID
53TLPS25X51F	Thermaloc Foam Block 25mm Wall x 51mm ID
53TLPS25X54F	Thermaloc Foam Block 25mm Wall x 54mm ID
53TLPS25X60F	Thermaloc Foam Block 25mm Wall x 60mm ID
53TLPS25X64F	Thermaloc Foam Block 25mm Wall x 64mm ID
53TLPS25X67F	Thermaloc Foam Block 25mm Wall x 67mm ID
53TLPS25X74F	Thermaloc Foam Block 25mm Wall x 74mm ID
53TLPS25X80F	Thermaloc Foam Block 25mm Wall x 80mm ID
53TLPS25X102F	Thermaloc Foam Block 25mm Wall x 102mm ID
53TLPS25X106F	Thermaloc Foam Block 25mm Wall x 106mm ID
53TLPS25X108F	Thermaloc Foam Block 25mm Wall x 108mm ID
53TLPS25X110F	Thermaloc Foam Block 25mm Wall x 110mm ID
53TLPS25X114F	Thermaloc Foam Block 25mm Wall x 114mm ID
53TLPS25X115F	Thermaloc Foam Block 25mm Wall x 115mm ID
53TLPS25X127F	Thermaloc Foam Block 25mm Wall x 127mm ID
53TLPS25X141F	Thermaloc Foam Block 25mm Wall x 141mm ID
53TLPS25X150F	Thermaloc Foam Block 25mm Wall x 150mm ID
53TLPS25X152F	Thermaloc Foam Block 25mm Wall x 152mm ID
53TLPS25X219F	Thermaloc Foam Block 25mm Wall x 219mm ID
53TLPS25X225F	Thermaloc Foam Block 25mm Wall x 225mm ID
53TLPS25X254F	Thermaloc Foam Block 25mm Wall x 254mm ID
53TLPS25X273F	Thermaloc Foam Block 25mm Wall x 273mm ID



*Custom wall thicknesses and sizes available.

SOUNDLAG™

Soundlag has a highly dense and flexible mass layer providing excellent sound reduction properties. The decoupling layer breaks the vibration path between substrate and the mass barrier, allowing the vinyl external wrap to remain flexible - optimising performance.

SYSTEM DESIGN CONSIDERATIONS

When designing a system using Soundlag, sound penetration through ceilings must be taken into account to ensure effective sound reduction, especially from down-lights, air conditioning ducting, access hatches and where lightweight ceilings such as mineral fibre tiles are used.



INSTALLATION

Soundlag is easily installed using Soundtape, a high quality, self adhesive, reinforced foil tape. To ensure a high quality fit-out, place 3 circumferential wraps of Soundtape every 300 - 400 mm, i.e. 3 wraps per 1m length pipe.

FEATURES

- Dual benefit as a noise barrier and noise absorber.
- The external foil facing offers a fire resistant covering and an excellent surface to join adjacent sheets.
- Free from odour producing oils and bitumen.
- Can cut to size and simple to install.
- Easy to bond with matching tape or equivalent high quality reinforced foil tape.
- Endorsed and tested by leading acoustic consultants and engineers.
- Accredited to ISO 9001 Quality Control Standard.

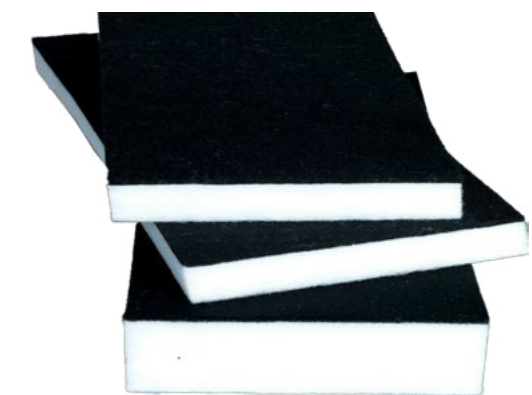


SOUNDLAG RANGE			
CODE	THICKNESS	DESCRIPTION	BARRIER WEIGHT
55PT1.35X5	25mm	Pyrotek 4525C Acoustic Soundlag 1350mm x 5000mm Roll	5 kg/m ²
55PT1.35X3-8025C	29mm	Pyrotek 8025C Acoustic Soundlag 1350mm x 3000mm Roll	8 kg/m ²

POLYESTER DUCT WRAP		
CODE	DESCRIPTION	PACK QTY
NHW1.2X10X.25	1.2m x 10m x 25mm	1
NHW1.2X10X.50	1.2m x 10m x 50mm	1

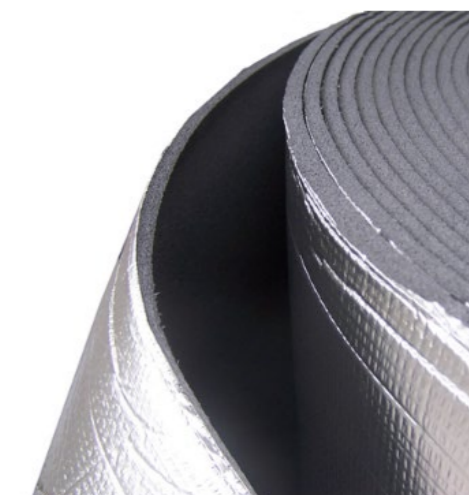


POLYESTER DUCT INSULATION		
CODE	DESCRIPTION	PACK QTY
NHP1.2X2.4X.25	1.2m x 2.4m x 25mm	1
NHP1.2X2.4X.50	1.2m x 2.4m x 50mm	1
NHP1.2X2.4X.75	1.2m x 2.4m x 75mm	1
NHP1.2X2.4X.100	1.2m x 2.4m x 100mm	1
NHP1.53X2.4X.25	1.53m x 2.4m x 25mm	1
NHP1.53X2.4X.50	1.53m x 2.4m x 50mm	1
NHP1.53X2.4X.75	1.53m x 2.4m x 75mm	1
NHP1.53X2.4X.100	1.53m x 2.4m x 100mm	1



THERMOBREAK ADHESIVE ROLL		
CODE	DESCRIPTION	PACK QTY
53FR1.2550	1200mm x 5mm 50m Thermobreak Adhesive Roll	1
53FR1.21025	1200mm x 10mm 25m Thermobreak Adhesive Roll	1
53FR1.21220	1200mm x 12mm 20m Thermobreak Adhesive Roll	1
53FR1.21520	1200mm x 15mm 20m Thermobreak Adhesive Roll	1
53FR1.22020	1200mm x 20mm 20m Thermobreak Adhesive Roll	1
53FR1.22510	1200mm x 25mm 20m Thermobreak Adhesive Roll	1
53FR1.23024	1200mm x 30mm 2.4m Thermobreak Adhesive Roll	1
53FR1.25024	1200mm x 50mm 2.4m Thermobreak Adhesive Roll	1

*Non-adhesive & no-clad rolls also available on request



FOAM TAPE

CODE	DESCRIPTION	PACK QTY
HTFPVCB3.2X9X30	3.2mm x 9mm x 30m	20
HTFPVCB3.2X12X30	3.2mm x 12mm x 30m	20
HTFPVCB3.2X20X30	3.2mm x 20mm x 30m	20
HTFPVCB4.8X12X15	4.8mm x 12mm x 15m	20
HTFPVCB4.8X15X15	4.8mm x 15mm x 15m	20
HTFPVCB4.8X18X15	4.8mm x 18mm x 15m	20
HTFPVCB6X15X12	6mm x 15mm x 12m	20
HTFPVCB6X18X12	6mm x 18mm x 12m	20



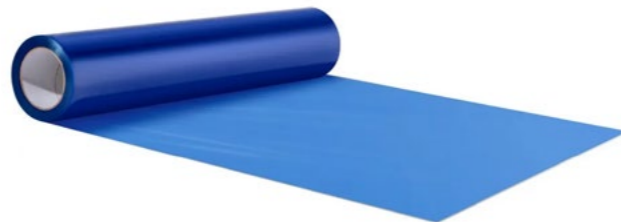
REINFORCED FOIL TAPE

CODE	DESCRIPTION	PACK QTY
53FTR4805	48mm x 50m	1
53FTR7205	72mm x 50m	1
53FTR9605	96mm x 50m	1



BLUE DUCT WRAP PROTECTOR FILM

CODE	DESCRIPTION	PACK QTY
53BDW-600	600mm	1
53BDW-900	900mm	1



NO CLAD FOIL TAPE

CODE	DESCRIPTION	PACK QTY
53FTNC7550	72mm x 50m	1



FOIL KRAFT TAPE

CODE	DESCRIPTION	PACK QTY
53FT4805	48mm x 45m	1
53FT7205	72mm x 45m	1

