

INSULATION

PIPE INSULATION

PRODUCT CODE	SIZE	DESCRIPTION	PRICE EACH
BELOW 3/8" THICKNESS INSULATION			
RP181438	1/4" - 3/8"	Premium Pipe Insulation x 2mtr	
RP183838	3/8" - 3/8"	Premium Pipe Insulation x 2mtr	
RP181238	1/2" - 3/8"	Premium Pipe Insulation x 2mtr	
RP185838	5/8" - 3/8"	Premium Pipe Insulation x 2mtr	
RP183438	3/4" - 3/8"	Premium Pipe Insulation x 2mtr	
RP187838	7/8" - 3/8"	Premium Pipe Insulation x 2mtr	
RP18138	1' - 3/8"	Premium Pipe Insulation x 2mtr	
RP1811838	1 1/8" - 3/8"	Premium Pipe Insulation x 2mtr	
RP1811438	1 1/4" - 3/8"	Premium Pipe Insulation x 2mtr	
RP1813838	1 3/8" - 3/8"	Premium Pipe Insulation x 2mtr	
RP1811238	1 1/2" - 3/8"	Premium Pipe Insulation x 2mtr	
RP1815838	1 5/8" - 3/8"	Premium Pipe Insulation x 2mtr	
RP1821838	2 1/8" - 3/8"	Premium Pipe Insulation x 2mtr	
RP1825838	2 5/8" - 3/8"	Premium Pipe Insulation x 2mtr	
BELOW 1/2" THICKNESS INSULATION POA			
RP181412	1/4" - 1/2"	Premium Pipe Insulation x 2mtr	
RP183812	3/8" - 1/2"	Premium Pipe Insulation x 2mtr	
RP181212	1/2" - 1/2"	Premium Pipe Insulation x 2mtr	
RP185812	5/8" - 1/2"	Premium Pipe Insulation x 2mtr	
RP183412	3/4" - 1/2"	Premium Pipe Insulation x 2mtr	
RP187812	7/8" - 1/2"	Premium Pipe Insulation x 2mtr	
RP18112	1" - 1/2"	Premium Pipe Insulation x 2mtr	
RP1811812	1 1/8" - 1/2"	Premium Pipe Insulation x 2mtr	
RP1811412	1 1/4" - 1/2"	Premium Pipe Insulation x 2mtr	
RP1813812	1 3/8" - 1/2"	Premium Pipe Insulation x 2mtr	
RP1811212	1 1/2" - 1/2"	Premium Pipe Insulation x 2mtr	
RP1815812	1 5/8" - 1/2"	Premium Pipe Insulation x 2mtr	
RP1821812	2 1/8" - 1/2"	Premium Pipe Insulation x 2mtr	
RP1825812	2 5/8" - 1/2"	Premium Pipe Insulation x 2mtr	
BELOW 3/4" THICKNESS INSULATION POA			
RP183834	3/8" - 3/4"	Premium Pipe Insulation x 2mtr	
RP181234	1/2" - 3/4"	Premium Pipe Insulation x 2mtr	
RP185834	5/8" - 3/4"	Premium Pipe Insulation x 2mtr	
RP183434	3/4" - 3/4"	Premium Pipe Insulation x 2mtr	
RP187834	7/8" - 3/4"	Premium Pipe Insulation x 2mtr	
RP18134	1" - 3/4"	Premium Pipe Insulation x 2mtr	
RP1811834	1 1/8" - 3/4"	Premium Pipe Insulation x 2mtr	
RP1811434	1 1/4" - 3/4"	Premium Pipe Insulation x 2mtr	
RP1813834	1 3/8" - 3/4"	Premium Pipe Insulation x 2mtr	
RP1811234	1 1/2" - 3/4"	Premium Pipe Insulation x 2mtr	
RP1815834	1 5/8" - 3/4"	Premium Pipe Insulation x 2mtr	
RP1821834	2 1/8" - 3/4"	Premium Pipe Insulation x 2mtr	
RP1825834	2 5/8" - 3/4"	Premium Pipe Insulation x 2mtr	

Westaflex Premium Pipe Insulation is available in a range of sizes and thicknesses. All come pre chucked for ease of use.

Please note: Not all thicknesses are stocked at all Westaflex/Uniflex outlets. Please contact your local branch to confirm their stock.



All prices **DO NOT** include GST.

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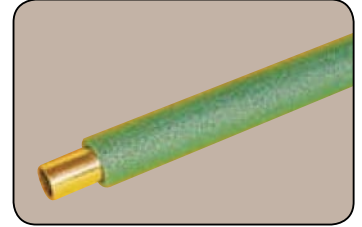
INSULATION

PIPE INSULATION (THERMOTEC)

All grades of Thermotec pipe insulation have similar performance in relation to operating temperature, thermal conductivity, non-toxicity and moisture absorption. Fire performance, noise attenuation, chemical resistance, size and wall thickness availability and cost are factors which will usually lead to the selection of a specific grade of Thermotec pipe insulation.

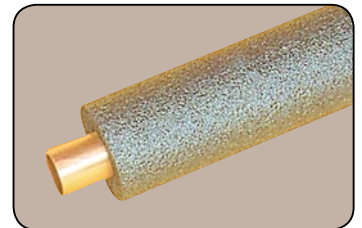
» THERMOTEC POLYTUBE

Thin walled green coloured pipe insulation for domestic applications and dead legs on recirculating hot water systems.



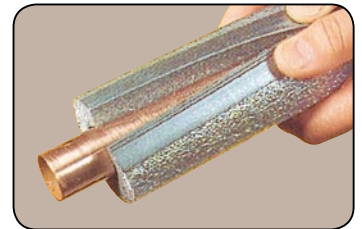
» THERMOTEC SEALED TUBE

Economic alternative to Quick Seal grade, particularly suitable where pipework is insulated prior to installation.



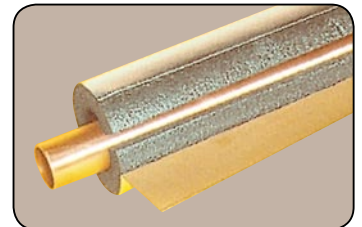
» THERMOTEC QUICK SEAL

Preformed flame retardant pipe insulation, incorporating unique press seal fastener for quick and easy application on installed pipework.



» THERMOTEC 4-ZERO

Incorporating a factory applied reinforced aluminium covering for optimum fire performance in accordance with AS-1530 Part 3.



» THERMOTEC F.P.I. (FIBREGLASS PIPE INSULATION)

High density fibreglass incorporating a factory applied reinforced aluminium covering for optimum fire protection in accordance with AS-1530 Part 3.



» THERMOTEC THERMALAG

Foam sheet cut to predetermined width to exactly fit large diameter pipe. Grooved on inside to eliminate tension and facilitate quick and easy application. Available in standard, 4-Zero or acoustic finish.



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INSULATION

GREENSTUF® POLYFIBRE BATTS

» GREENSTUF® INSULATION (ROOF)

Greenstuf® insulation is made from user-friendly non-irritant polyester which is dust free and won't cause any skin or other irritations. Unlike some other forms of insulation, Greenstuf® will not deteriorate over time, is unaffected by mould, mildew and rot, and is resistant to vermin and insect attack.

Greenstuf® thermal and acoustic insulation is suitable for all residential and commercial applications and is available in a full range of sizes and thermal ratings to suit all framing. It's so easy to install it can be torn straight across its width to fit any nog or batten spacing.

Other features include:

- Greenstuf® is totally safe to install (no protective clothing required) and provides safe indoor air quality
- Greenstuf® is fully recyclable, uses recycled polyesters in its production and doesn't place demand on landfill space
- Greenstuf® provides excellent acoustic properties to keep your home or commercial environment quiet
- Greenstuf® is not affected by water
- Guaranteed performance – certified +50 years' durability
- Formaldehyde free

Fire Resistance Ratings

Greenstuf® exceeds all requirements of the Australian Building Code:

AS1530 Part 3:

Ignitability (0-20)	0
Spread of Flame (0-10)	0
Heat Evolved (0-10)	0
Smoke Developed (0-10)	3

Australian GreenStuf products fully comply with the prescribed insulation requirements of the Building Code of Australia (BCA).

Ordering Example: 49825430 is Greenstuf Polyfibre Batts, size 1160 x 430 with a thermal value of R 2.5

Code Prefix: 498



PRODUCT CODE	COAT	THERMAL INSULATION VALUE	METRIC SIZE	QTY PER PACK	M ² PER PACK	PRICE PER PACK
15430	90mm	R1.5	1160 x 430	16	8	
15580	90mm	R1.5	1160 x 580	16	10.8	
20430	120mm	R.2.0	1160 x 430	12	6	
20580	120mm	R.2.0	1160 x 580	12	8.1	
25430	165mm	R2.5	1160 x 430	8	4	
25580	165mm	R2.5	1160 x 580	8	5.4	
30430	185mm	R3.0	1160 x 430	8	4	
30580	185mm	R3.0	1160 x 580	8	5.4	
35430	200mm	R3.5	1160 x 430	6	3	
35580	200mm	R3.5	1160 x 580	6	4	
40430	210mm	R4.0	1160 x 430	4	2	
40580	210mm	R4.0	1160 x 580	4	2.7	

All prices **DO NOT** include GST.

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INSULATION

QUIETSTUF® POLYFIBRE BATTS

» QUIETSTUFF INSULATION (WALL)

Autex QuietStuf® insulation is made from user-friendly, non-irritant polyester which is dust free and won't cause any skin or other irritations. Unlike some other forms of insulation QuietStuf® will not deteriorate over time, is unaffected by mould, mildew and rot, and is resistant to vermin and insect attack.

The QuietStuf® range of insulation products deals with the acoustic issues in the commercial and residential markets. All QuietStuf® products provide dramatic sound dampening and reduce ambient noise levels, improving work and living conditions.

The QuietStuf® range of products is designed to reduce reverberated sound, impact noise and noise transmission between rooms, midfloor cavities and external sources. Autex also produce specialised acoustic insulation for air-conditioned ducting.

All Autex insulation products have been through strict testing regimes to comply with all Regulatory requirements.

Ordering Example: 49825430 is Greenstuff Polyfibre Batts, size 1160 x 430 with a thermal value of R 2.0

Code Prefix: 498



PRODUCT CODE	THERMAL INSULATION VALUE	METRIC SIZE	QTY PER PACK	M ² PER PACK	PRICE PER PACK
75430	R1.5	1160 x 430	16	8	
75580	R1.5	1160 x 580	16	10.8	
90430	R2.0	1160 x 430	12	6	
90580	R2.0	1160 x 580	12	8.1	
100430	R2.5	1160 x 430	8	4	
100580	R2.5	1160 x 580	8	5.4	

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INSULATION

NUWAVE NOISE BARRIER PRODUCTS

The NuWave range is based on high density, limp mass polymers to take the energy out of sound waves...right across the hearing frequency spectrum. NuWave barriers are flexible, inexpensive and can tame home theatre systems, aircraft noise, impact noise through wall and floors and engine noise.

» NUWAVE HIGH PERFORMANCE FLEXIBLE NOISE BARRIER

The heart of the NuWave range is the dense polymer technology that has been proven to reduce noise in heavy industrial plants. We have taken this technology and applied it to many of our products but the two most common are NuWave "Base" and NuWave "4Zero"

» NUWAVE "BASE"

Most commonly used to silence noise in walls, timber floors and ceiling spaces, particularly over office partitions in commercial buildings. NuWave is inexpensive and very easy to cut and install. Fabric backed, embossed face, it is tear resistant, highly flexible and is supplied in rolls.

ROLL SIZES AND ACOUSTIC RATINGS

(all 1350mm nom.width):

- 2kg/m² 5 mtr rolls Rw 23*
- 4kg/m² 5 mtr rolls Rw 26*
- 6kg/m² 3 mtr rolls Rw 29*
- 8kg/m² 3 mtr rolls Rw 30*

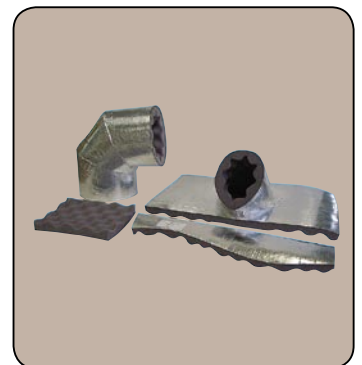
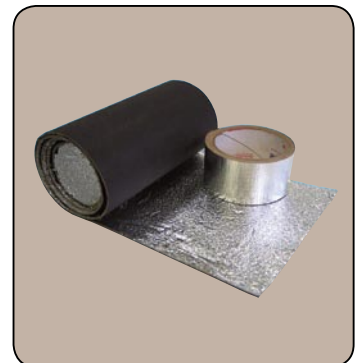
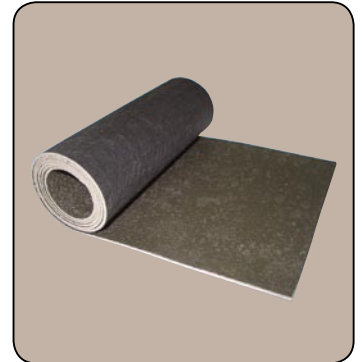
*Rw rating is a single number quantity summarizing the transmission loss of a material over the frequency range from 100Hz to 3.15 kHz under A/SNZS 1276.1:1999. Independent test reports available.

» NUWAVE "4ZERO"™

NuWave's 4Zero barrier is the same as the "Base" product but with a flexible aluminium film facing. The aluminium facing gives the barrier excellent fire resistant properties when tested to AS 1530.3. This additional flammability rating is important in some applications in buildings and the foil facing also allows reinforced foil tapes to be used to join two pieces of 4Zero together when overlapped. Roll Sizes and acoustic ratings as for "Base" above.

» NUWRAP™ PIPE & DUCT INSULATION

For noisy pipes in buildings, NuWrap is the effective and easy-to-install solution. Also suitable for ducting and ventilation fans, it is supplied with 4Zero foil facing as standard. Designed to meet the latest building codes, NuWrap is available in Rolls, as pre-cut "Flat Packs" and as Pre-Fabricated Fittings or quick and easy installation. NuWrap combines acoustic foam (flat or convoluted) laminated to NuWave 4Zero Barrier.



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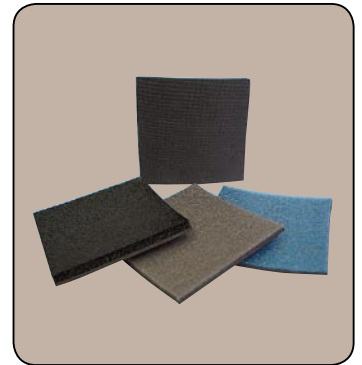
INSULATION

NUWAVE NOISE BARRIER PRODUCTS

» NUWAVE® IMPACT FOR FLOORS & WALLS

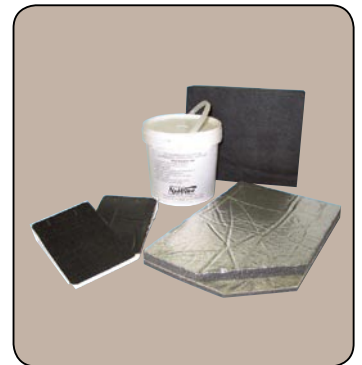
Noise transmission through walls and floors is one of the most commonly reported causes of noise complaints in commercial and multi-residential buildings. NuWave has energy absorbing foam and sound barrier composites available for timber and concrete floors and walls.

- Soft Foam "U" for floating timber floors.
- Impact Foam T45 for concrete floors.



» NUWAVE ENGINE INSULATION

To counter the high noise levels of engines, compressors, generators and industrial machinery, NuWave has a range of High Performance Composites that combine acoustic foams, barriers and facings to give the best possible noise reduction. NuWave Damping Compound, Self Adhesive Damping Sheets and Heavy Duty Damping Tiles are available to stop resonance of structures around engines and fans.



For pricing and availability of these products, please contact your local Westaflex/Uniflex outlet on 1300 663 130 and ask for an information booklet.

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INSULATION

E-THERM

E-Therm is a three-in-one solution replacing traditional Foil sarking, Bulk fibre and Noise Insulation with one easy application.

E-Therm is thin insulation. It works by creating highly reflective airspaces in your home's roof, walls and floors. E-Therm works with your existing construction materials. It's like an umbrella against solar radiation and protects your environment from the harsh weather conditions unique to Australia.

Many people find their homes unliveable on summer days because of soaring temperatures. On a sunny day, solar energy is absorbed by the roof, heating the roof sheathing and causing the underside of the sheathing and the roof framing to radiate heat downward toward the ceiling. A hot roof space will conduct heat into the interior space of your home, making the cooling system work harder and increasing your energy bills.

Hot homes are created by radiant heat transfer from the sun. Radiant heat is heat that is transmitted from a heat source through space. It is the heat we feel from distant objects like the sun or a fire. Radiant heat is unique because it does not require a medium to travel through. Radiant heat is also called infra-red heat or infra-red energy.

E-Therm is a material that is installed in buildings to reduce summer heat gain and winter heat loss by effectively reducing the transfer of radiant heat. A roof exposed to the sun for a prolonged period will absorb a great deal of heat, sometimes reaching temperatures in excess of 75o Celsius. E-Therm barriers can help prevent overheated attics from warming the interior of a home. Conventional thermal insulation can slow down radiant heat transfer, but will not stop it.

E-Therm reduces building heating and cooling energy usage by reflecting radiant heat back towards its source, reflecting as much as 97%. By reflecting radiant heat rather than absorbing it, E-Therm provides substantial energy savings in warm climates.

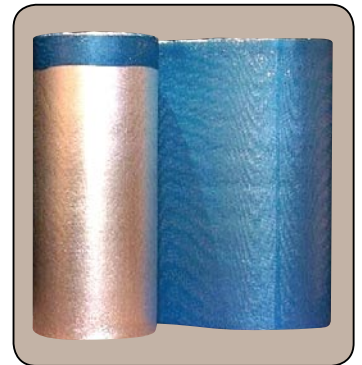
When a E-Therm barrier is placed on the roof trusses, much of the heat radiated from the hot roof is reflected back toward the roof. This keeps the ceiling cooler than it would have been without E-Therm and thus reduces the amount of heat that moves through into the rooms below the ceiling. Studies have shown that E-Therm barriers can lower a cooling bill significantly when used in warm, sunny climates.

Traditional forms of insulation absorb Radiant heat energy and lose efficiency in humid conditions. E-Therm barriers reflect it. E-Therm consists of a thin sheet of a highly reflective material, aluminium foil, applied to both sides of a LDPE foam sheeting. LDPE (low density polyethylene) is an inert, highly insulating semi rigid foam that is 100% recyclable!

E-Therm also reduces indoor heat losses through the ceiling, walls or floors in the winter.

Furthermore, E-Therm barriers reduce the amount of noise radiated from the roof by up to 12 decibels, reducing rain, aircraft and traffic noise through the roof into the rooms of the home.

Because E-Therm is made from materials that are excellent at reflecting heat and poor at absorbing it, they reduce heat transfer from the roof sheathing to the attic floor, where conventional insulation is usually placed. All materials give off or emit energy by thermal radiation as a result of their temperature. The amount of energy emitted depends on the surface temperature and a property called "emissivity" (also called "emittance").



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INSULATION

E-THERM

Emissivity is the property that determines how well a E-Therm barrier will perform. A closely related material property is the “reflectivity” (also called the “reflectance”). This is the measure of how much energy is reflected and not absorbed by the barrier. E-Therm barrier materials have high reflectivity (94%) and low emissivity (6%) and work best when they face an open air space to perform properly.

It can also be combined with bulk insulation for increased energy efficiency, but it reduces heat gains without the need for increasing wall cavity thickness in order to accommodate bulky insulation.

E-Therm barriers also act as a vapour barrier, preventing the passage of moisture, air and dust and replaces foil sarking.

STANDARD	
PRODUCT CODE	5390
NAME	E-Therm Silver
THICKNESS	8mm
TYPE	Standard
WIDTH	1200mm
LENGTH	25 metres
WEIGHT	Approx 17kgs
PRICE	



ANTI-GLARE	
PRODUCT CODE	5391
NAME	E-Therm Blue
THICKNESS	8mm
TYPE	Anti-Glare
WIDTH	1200mm
LENGTH	25 metres
WEIGHT	Approx 17kgs
PRICE	



E-Therm Accessories

(Note: Price and availability on request)

- Timber fix clips (bag 125 clips)
- E-Pin Insulation (bag 100 sets)
- Spike and Washer 50mm
- E-Spacer 42mm (bag 100pcs)
- FX-10 Primer Spray (150g can)



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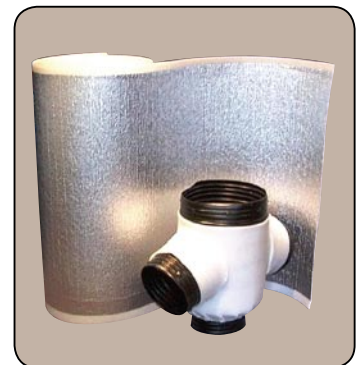
INSULATION

THERMOTEC DUCTWRAP

Thermotec Ductwrap, for air conditioning ductwork insulation, consists of a low density, closed cell polyethylene foam, faced with aluminium foil. Thermotec Ductwrap is 100% Australian made. Benefits to the end user and specifier of using Thermotec Ductwrap:

- Completely free from all synthetic mineral fibres (SMF's) and therefore no special clothing or respirators are required.
- User friendly and completely safe to handle.
- Thermotec Ductwrap is an energy saving product; it has excellent energy absorbing capability and provides excellent insulation against heat loss.
- Because the closed cell structure is impervious to moisture, no standing time is required for drying product prior to use.
- Ductwrap may be applied around the ductwork on site or pre-fabricated and transported to the site. It is easy to handle and transport without damage, reducing potential costly repairs to the product once installed on site.
- Deadens and absorbs airborne noise.
- Ductwrap is economical, as there is low wastage due to the variety of sizes available to suit all applications.

The insulation shall be wrapped around the ductwork surface as tightly as possible and held in position using fixing pins at 400mm maximum centres. All insulation shall be installed with the edges and ends tightly butted together. Where necessary, the insulation may be easily cut using a sharp knife. All joints shall be taped using a 48mm pressure sensitive aluminium tape, ensuring that the aluminium surfaces are free from grease and dust and that the tape is firmly applied to the surface, ensuring a continuous vapour barrier is achieved.



PRODUCT CODE	DESCRIPTION	SIZE	PRICE EACH
8F3G	Grey 4mm x 1mtr x 100mtrs	F3	
F308150	Grey 8mm x 1mtr x 50mtrs	F3	
F310150	Grey 10mm x 1mtr x 50mtrs	F3	
F313125	Grey 13mm x 1mtr x 25mtrs	F3	
F320125	Grey 20mm x 1mtr x 25mtrs	F3	
8F3GS	Grey/Silver 4mm x 1mtr x 100mtrs	Ductwrap	
D07150	Grey/Silver 8mm x 1mtr x 50mtrs	Ductwrap	
D10150	Grey/Silver 10mm x 1mtr x 50mtrs	Ductwrap	
D131	Grey/Silver 13mm x 1mtr x 25mtrs	Ductwrap	
D201	Grey/Silver 20mm x 1mtr x 25mtrs	Ductwrap	

- Other sizes available on request.
- Density of product negotiable. Price will vary on density.

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