

## Features

- > Completely closed cell, crosslinked pipe insulation.
- > Heat bonded factory applied reinforced aluminium foil.
- > Pre-slit to handle with no special tools required.
- > Flexible, tough and durable.
- > Contains no chlorinated or dangerous combustion compounds.
- > Excellent compression resistance due to its crosslinked foam structure.
- > Superior insulating properties compare to other flexible closed cell foams
- > Very high vapour diffusion resistance. No more chilled water pipe condensation.
- > No cladding required.
- > Conforms to ISO 5659-2 "Smoke Density and Toxicity"
- > UL Recognised Component
- > Can be used outdoors

## Size Availability

15mm, 20mm, 25mm, 35mm and 50mm wall thickness to fit all standard copper and iron pipes diameters from 12.7mm (1/2") to 140mm (5")

Other sizes available on request.

Tube length: 2 metres

(Other length available on request)

## Technical Data

<b>Material:</b>	Electron beam crosslinked polyolefin foam with factory applied 9um reinforced foil.
<b>Density:</b>	25 Kg/m (foam core only)
<b>Thermal Conductivity: (ASTM C518)</b>	0.032 W/mK (@ 23°C mean temperature)
<b>Water Vapour Permeability: (ASTM E96)</b>	$8.19 \times 10^{-11}$ Kg/Pa.sm (0.029 mg.m/Nh)
<b>Water Vapour Permeance:</b>	$3.3 \times 10^{-11}$ g/M.N.s
<b>Permeability resistance factor:</b>	$\mu > 15,000$
<b>Water absorption by volume:</b>	0.8% (after 28 days)
<b>Resistance to Fungi:</b>	Excellent
<b>Ozone Resistance:</b>	Excellent
<b>UV Resistance:</b>	Excellent
<b>Noise Reduction Coefficient:</b>	0.15
<b>Operating temperature:</b>	-80°C to 100°C

## Fire and Smoke Behaviour

BS 476 part 7: Surface spread of Flame	Class 1
BS 476 part 6: Fire Propagation	Class 0
AS 1530.3 (1989) Spread of Flame index:	0
Heat Evolved Index:	0
Ignability index:	0
Smoke Develop Index:	0-1
UL94:	HF-1
ISO 5659-2 (1994) Smoke Density & Toxicity (with gas analysis)	
Smoke Density :	$D_m < 200$
Smoke Toxicity:	Satisfies max allowable concentrations for the following combustion gases CO, HCL, HBr, HF, HCN, NOx, SO <sub>2</sub>

\* All tests are certified by independent laboratories.