



# Isover CLIMPIPE Section Alu2

## HVAC - Thermal insulation for Pipework

Designed to provide thermal insulation of pipework, Isover CLIMPIPE Sections are strong, lightweight pre-formed 'snap on' sections with a reinforced aluminium foil facing and a self-adhesive overlap to help ensure a strong vapour barrier.



### Features and Benefits



#### Thermal performance

Isover foil faced CLIMPIPE Sections meet all UK thermal building regulations and offers energy savings. The consistent density and concentric positioning of the bore of Isover sections provides consistent thermal performance along the length of the pipe.



#### Protected planet

Manufactured from up to 80% recycled post-consumer glass that would otherwise go to landfill.



#### Acoustic performance

Due to the natural sound wave damping effect that glass mineral wool possesses, noise levels from soil pipes services can be greatly reduced with Isover CLIMPIPE Sections.



#### Non-combustible

Isover CLIMPIPE Section has an A2 Euroclass fire rating and is compliant with London Underground fire safety performance requirements.

### Product Specification

All Isover CLIMPIPE section are 1200mm in length

Nominal Insulation Thickness (mm)	Outer diameter of Pipe Section																	
	Inner diameter (mm)																	
	15	22	28	35	42	48	54	60	70	76	83	89	108	114	140	168	219	273
20mm	✓	✓	✓	✓	✓	✓	✓	✓										
25mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
30mm	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	
40mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
50mm	✓		✓	✓	✓	✓		✓		✓		✓		✓	✓	✓	✓	✓
60mm								✓		✓		✓		✓				

### Thermal Conductivity

Mean temp °C	10	50	100	200
Declared thermal conductivity (W/mK)	0.033	0.036	0.043	0.063

Characteristic	Description
Fire Performance	<ul style="list-style-type: none"> <li>• Euroclass A2, s1, d0 fire rating when classified with BS EN 13501-1</li> <li>• Class O compliance. The factory applied aluminium foil facing meets the highest standards required by BS476: Part 6 'Fire propagation' and BS476: Part 7 'Surface spread of flame'.</li> </ul>
Service Temperature	Suitable for continuous service temperatures up to 500°C. The temperature on the aluminium facing should not exceed 80°C. For use at temperatures over 230°C please contact our Technical department. The products can also be used in below ambient conditions, provided that a 100% vapour barrier is maintained.
Chemical resistance	These pipe sections will not accelerate corrosion with all copper, steel and aluminium plant and equipment. There is no necessity for bore coated sections and therefore, no need for special re-coating measures on cut pieces at bends and elbows.
Smoke & Toxicity	Achieved the criteria for smoke generation and toxicity as given in the IMO Resolution MSC 61 (67). (Smoke and Toxicity Test to Part 2, Annex 1 and 2 of the Fire Test Procedures Code)
Environmental Management System (EMS)	All Isover products are manufactured under Environmental Management System - ISO 14001:2004 by BVQI.
Quality Management System	All Isover products are manufactured under Quality Management System - ISO 14001:2004 by BVQI.
Building standards	Meets all UK thermal building regulations. Compliance with the following: <b>England, Wales and Scotland</b> BS5422: 2009 or TIMSA Guidance for Achieving Compliance with Part L of the Building Regulations. For Scotland, also refer to Technical Handbooks; Domestic Handbook 2010 and Non-Domestic Handbook 2010 Sections 6 – Energy. NHS Model Engineering Specification - Thermal Insulation. All Isover insulation meets or exceeds the latest requirements for Department of Health premises.
ODP/GWP	Zero ODP (Ozone Depletion Potential); GWP < 5 (Global Warming Potential).
Recycled content/Sustainability	CLIMPIPE Section Alu2 is manufactured from up to 80% recycled glass that would otherwise go to landfill. This makes Isover one of the most environmentally sustainable insulation products on the market today.
Handling & Storage	Isover products are supplied fully palletised, offering the following benefits: Reduced haulage costs. Less handling therefore less damage. Reduced storage space. Faster loading, unloading and counting.
Certification	CE Marked. CE 0402-CPD-SC0408-10. Designation code: MW-EN 14303-T8-ST(+) 500 MV2 Do<150mm MW-EN 14303-T9-ST(+) 500 MV2 Do>150mm. IMO/MED Certified
External Applications	Isover products are suitable for external applications when used with an appropriate weatherproof jacketing system.

For installation details please refer to our pipe and ductwork installation manual available on our website [www.isover.co.uk](http://www.isover.co.uk)

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