

Product Data Sheet

Application: HVAC

Isover Climpipe Section Alu2



HVAC - Thermal Insulation suitable for Pipework

Isover Climpipe Sections can be considered for the thermal insulation of pipework. Robust and lightweight, they feature pre-formed 'snap on' sections with a reinforced self-adhesive overlap to help ensure a strong vapour barrier. Manufactured in 1.2m lengths, they offer the opportunity for fewer joints than traditional 1m products, helping to reduce thermal bridging.

Features and Benefits



**THERMAL
INSULATION**

The uniform density and concentric positioning of the bore hole offers energy savings by effectively controlling the thermal heat loss and gain along the length of the pipework.



**A2 FIRE
CLASSIFICATION**

Achieves a Euroclass A2_L-s1,d0 Reaction to Fire classification, according to EN 13501-1.



**CONTAINS
RECYCLED
GLASS**

Manufactured from up to 70% recycled glass.



**EASE
OF INSTALL**

The 1.2m pipe sections are lightweight and easy to install with pre-formed snap on sections and a self-adhesive overlap for fast and efficient installation.

Key Considerations

When using Isover Climpipe Section Alu2 you need to satisfy yourself that use of the product meets all relevant national Building Regulations and guidance as well as local, national and other applicable standards relevant for your construction or application, including requirements in relation to fire.

Please refer to isover.co.uk for all current documentation relating to this product.

Product Specification

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

Thermal Conductivity

Mean temp °C	10	50	100	200	300	400
Declared thermal conductivity (W/m.K)	0.033	0.036	0.043	0.062	0.092	0.130

Characteristics

Corrosiveness	Can be considered to fulfill the demands in ASTM C795-08 (Standard Specification for Thermal Insulation for Use in Contact with Austenitic Stainless Steel) section 13.
External Application	Isover Climpipe Section Alu2 is suitable for external applications when used with an appropriate weatherproof jacketing system.
Maximum Service Temperature	Can be considered for continuous service temperatures from 5°C to 500°C. The temperature on the aluminium facing should not exceed 80°C. When using the product for the insulation of pipework with a surface temperature below dew point, care must be taken to ensure a 100% vapour barrier is maintained.
Environmental	All Isover products are manufactured under Environmental Management System – ISO 14001.

Certification	UKCA Marked to EN 14303. CE marked to EN 14303. Designation codes (where D _o is the outside diameter): D _o ≤ 150mm MW-EN 14303-T8-ST(+)-500-MV2 D _o ≥ 150mm MW-EN 14303-T9-ST(+)-500-MV2
Handling, Storage, Health and Safety	Information regarding storage, installation and handling of Isover products and health and safety information can be found at isover.co.uk/suis .
Quality	All Isover products are manufactured under Quality Management Standard – ISO 9001.
EUCEB	EUCEB certified, demonstrating our mineral wool fibre products conform with Note Q of Regulation (EC) No 1272/2008.



Isover

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Isover reserves the right to amend or revise product specification without notice. The information in this publication is correct at the time of publication. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work.

For an up-to-date library of product information, users should visit the website at isover.co.uk

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