

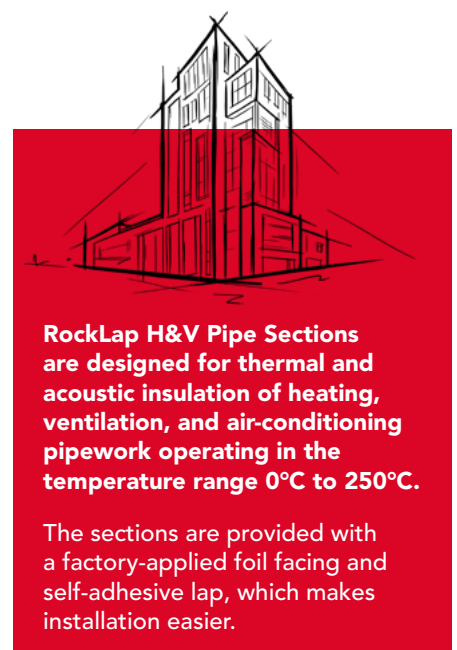
# RockLap H&V Pipe Sections

Stone wool insulation for pipework.

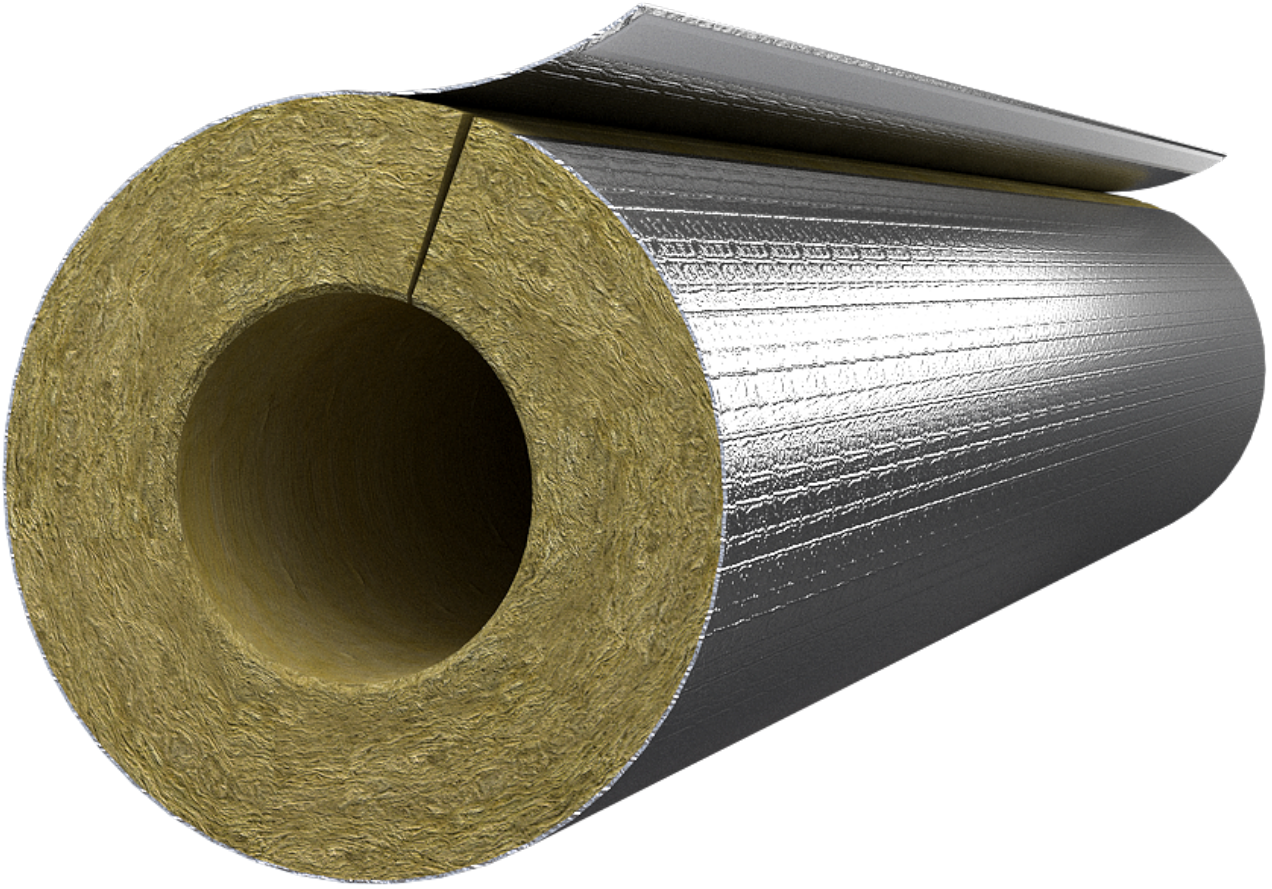
ROCKWOOL RockLap H&V Pipe Sections are cylindrical sections of stone wool insulation, manufactured pre-slit and with a foil facing, complete with integral self-adhesive lap.

- RockLap H&V Pipe Sections are non-combustible, and achieve a Euroclass reaction to fire classification of A2-s1, d0, in accordance with EN 13501-1: 2018.
- Reinforced aluminium foil facing.
- Self-adhesive foil lap reduces the need for additional aluminium tape.
- Tested to BS EN 1366-3: 2012+A1: 2024 for the fire resistance of penetration seals, offering up to EI 120\*.
- Certified Indoor Air Comfort Gold – Certificate No: IACG-377-01-02A-2025.

*\*Subject to the application.*



# RockLap H&V Pipe Sections



## APPLICATIONS

RockLap H&V Pipe Sections are suitable for use on pipework operating between 0°C and 250°C.

RockLap H&V Pipe Sections are tested to provide fire-stopping where steel and copper pipes penetrate fire-resistant walls and floors. The testing allows the product to run continuously through the separating element, saving time and labour costs, which would otherwise be incurred should the pipe insulation have to be locally removed or replaced.

# RockLap H&V Pipe Sections

## PERFORMANCE

### Thermal performance

Temperature (°C)	Curve 1 (W/mK)*	Curve 2 (W/mK)*
10	0.033	0.034
50	0.037	0.039
100	0.044	0.048
150	0.052	0.056

\*The thermal conductivity curve used depends upon the size of the pipe section.  
For further information please refer to the [Declaration of Performance](#).

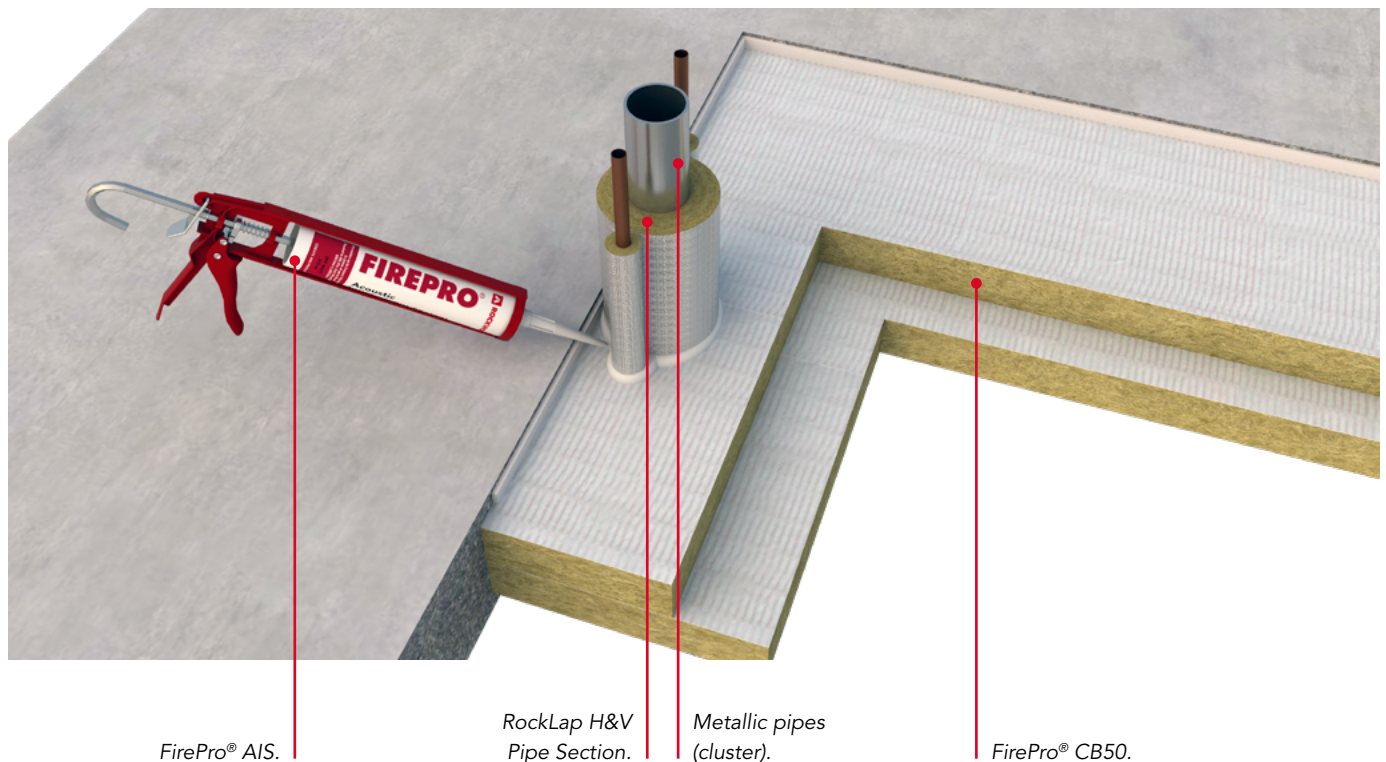
### Fire performance

- RockLap H&V Pipe Sections are non-combustible, and achieve a Euroclass reaction to fire classification of A2-s1, d0, in accordance with EN 13501-1: 2018.
- Tested to BS EN 1366-3: 2012+A1: 2024, the harmonised European standard for the fire resistance of penetration seals.
- Provides up to 120 minutes\*\* fire resistance integrity and insulation.

For more information regarding the performance of RockLap H&V Pipe Sections when used within a fire resisting penetration seal, please follow the link below.

[Fire-stopping Standard Details Guide >](#)

\*\*Subject to the application.



# RockLap H&V Pipe Sections

## PRODUCT INFORMATION

### Water resistance and moisture

ROCKWOOL stone wool insulation is water repellent and non-hygroscopic, meaning it will not absorb water from the surrounding environment. It retains its thermal performance even in humid conditions, helping to support the durability of the building fabric.

### Service temperature

RockLap H&V Pipe Sections are used to insulate pipes operating at temperatures in the range 0°C to 250°C. In order to maintain foil facing bond strength, the thickness of insulation should result in an outer surface temperature no greater than 80°C.

### Durability

Tests of ROCKWOOL stone wool recovered from old buildings have shown that our stone wool retains its performance characteristics – thermal, mechanical, fire resistance – for at least 50 years, and probably longer. A test of a 65-year-old stone wool sample found in 2023 during a renovation of Copenhagen airport showed that these characteristics had not diminished after 65 years.\*

### Biological

ROCKWOOL stone wool insulation is vapour permeable, reducing the risk of condensation, which can lead to rot, mould, and humidity damage.

### Stress-corrosion cracking – Austenitic steel

Austenitic steels can be sensitive to corrosive attack by soluble inorganic halides in the presence of oxygen and moisture, especially when at the same time the alloy is stressed. The action is not likely to be significant at temperatures below 50°C, and is most severe in the temperature range from 50°C to approximately 160°C.

To provide protection, aluminium foil of no less than 0.6mm thickness should be applied to the austenitic steel surface so that the insulation can be applied over the foil. The foil should be applied with a minimum overlap of 50mm.

For further information on stress-corrosion cracking and other metals, please refer to the latest version of BS 5970: 2012, Thermal insulation of pipework, ductwork, associated equipment and other industrial installations in the temperature range of -100°C to +870°C code of practice.

## STANDARDS AND APPROVALS

### Certificate

RockLap H&V Pipe Sections are CE marked in accordance with EN 14303: 2015. For more information, please visit [rockwool.co.uk/DOP](https://rockwool.co.uk/DOP).

RockLap H&V Pipe Sections conform to BS 3958-4: 1982, 'Bonded preformed stone wool pipe sections' and can be used to satisfy BS 5422: 2023 'Method for specifying thermal insulating materials...'.  
\*Testing done at Danish Technical Institute (DTI) in 2023, "Testing ROCKWOOL insulation from CPH airport hangar 4"

RockLap H&V Pipe Sections have been subjected to VOC emissions testing in accordance with EN 16516: 2017+A1:2020 and have been certified, Indoor Air Comfort Gold – Certificate No: IACG-377-01-02A-2025.

\*Testing done at Danish Technical Institute (DTI) in 2023, "Testing ROCKWOOL insulation from CPH airport hangar 4"

# RockLap H&V Pipe Sections

## INSTALLATION

RockLap H&V Pipe Sections are supplied with an integral self-adhesive overlap. Place the section around the pipe and seal accordingly (Figure 1).

All joints between RockLap H&V Pipe Sections must be sealed with aluminum foil tape (Figure 2).

### Handling

RockLap H&V Pipe Sections can be cut to shape with an insulation knife. When stored outside, avoid contact with the ground and cover with a securely anchored waterproof sheet.

### Maintenance

Once installed, RockLap H&V Pipe Sections shouldn't require any maintenance.

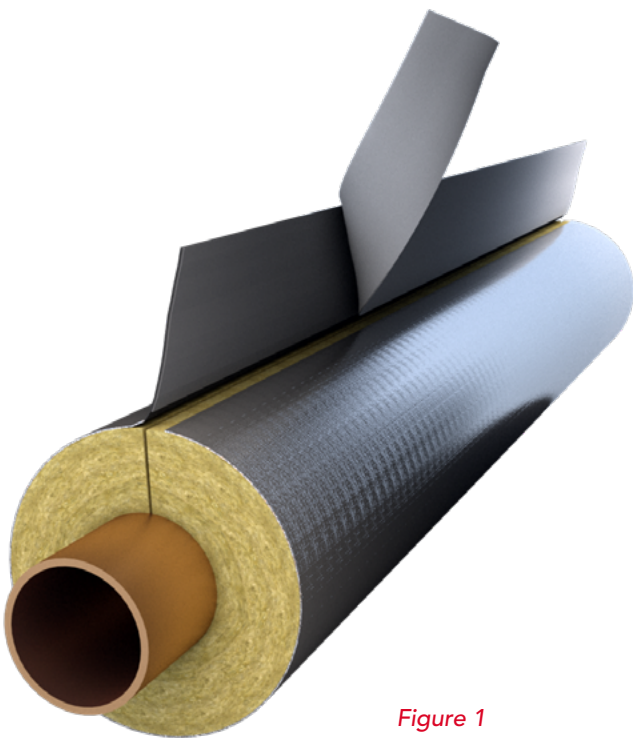


Figure 1

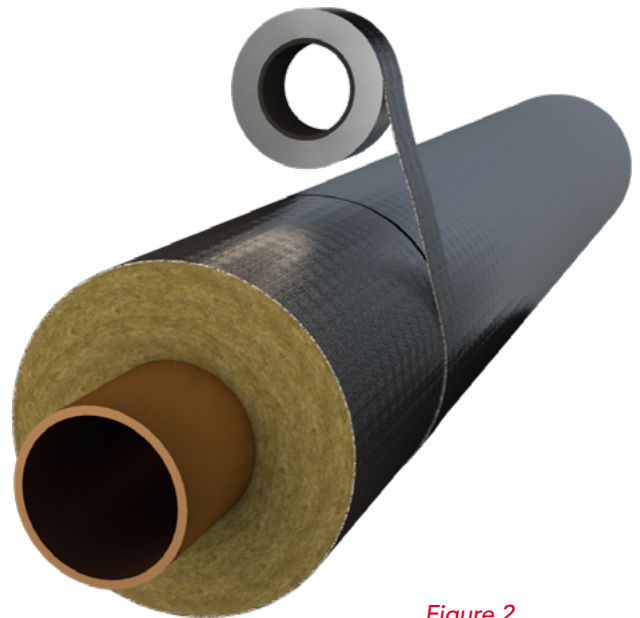


Figure 2

## SPECIFICATION CLAUSES

Pipes to be insulated with ..... \*mm thick ROCKWOOL RockLap H&V Pipe Sections, having a nominal density not less than 100kg/m<sup>3</sup>, with a factory applied facing which is a laminate of close mesh reinforcement between two layers of foil including integral lap for fixing. The whole is to comply with BS 5422:2023 and BS 5970: 2012 water vapour permeance and Building Regulation requirements in relation to thermal and fire. Fixing to be in accordance with manufacturer's instructions, by peeling protective tape from self-adhesive lap, and pressing lap smoothly over joint. Where adjacent sections abut, approved 75mm wide aluminium tape to be used to maintain integrity of the vapour barrier.

*\*insert required thickness.*

# RockLap H&V Pipe Sections

## BUILDING SAFETY AND PRODUCT USE

### LEGAL NOTICES

#### General safety requirements – Building Safety Act 2022

ROCKWOOL Limited is committed to supporting specifiers, resellers, and users of ROCKWOOL products for the full life cycle of the product to comply with the obligations and responsibilities set out in the Building Safety Act 2022. With regard to the general safety requirements of the Act, ROCKWOOL Limited cannot control or foresee every situation where its products might be used. We therefore strongly advise that specifiers, resellers, and users contact us where use of ROCKWOOL products is contemplated in applications different from those explicitly described in the latest, relevant ROCKWOOL product datasheets; especially in applications that can be reasonably foreseen as critical to safety.

ROCKWOOL Limited reserves the right to amend the specification of its products without notice. Changes to the ROCKWOOL manufacturing process, or to pertinent regulations, may be reflected in changes to tested and certified product performance. Whilst ROCKWOOL Limited endeavours to keep its publications up to date, readers will appreciate that between publications there may be pertinent changes in the law or other developments affecting the accuracy of the information contained in our publications.

ROCKWOOL Limited does not accept responsibility for the consequences of using (including testing or certifying) its products in applications different from those explicitly described in the relevant ROCKWOOL product datasheets. Expert advice should be sought, and ROCKWOOL Limited should be contacted, where such different use is contemplated, or where the extent of any use described by ROCKWOOL Limited is in doubt.

#### The ROCKWOOL Trademark

ROCKWOOL® – our trademark

The ROCKWOOL trademark was initially registered in Denmark as a logo mark back in 1936. In 1937, it was accompanied with a word mark registration; a registration which is now extended to more than 60 countries around the world.

The ROCKWOOL trademark is one of the most important assets of the ROCKWOOL Group, and is therefore well-protected and defended by ROCKWOOL throughout the world.

If you require permission to use the ROCKWOOL logo for your business, advertising or promotion, you must apply for a Trade Mark Usage Agreement.

To apply, write to:  
[marketcom@rockwool.com](mailto:marketcom@rockwool.com)

#### Trademarks

Registered trademarks of the ROCKWOOL Group include but are not limited to:

ROCKWOOL®, RockClose®, RainScreen Duo Slab®, HardRock®, RockFloor® Flexi®, RockFall®, FirePro®, DuctRock®, BeamClad®, NyRock®

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#### Photography and illustrations

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If you require permission to use ROCKWOOL images, you must apply for a Usage Agreement.

To apply, write to:  
[marketcom@rockwool.com](mailto:marketcom@rockwool.com)

### HEALTH AND SAFETY

A material safety data sheet is available and can be downloaded from [rockwool.com/uk](http://rockwool.com/uk) to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH).

# RockLap H&V Pipe Sections

Company:	ROCKWOOL Limited
Version:	Version 3.06 April 2026 (to check this is the latest version, please refer to <a href="http://rockwool.com/uk">rockwool.com/uk</a> )
Revised on:	13.04.2026
Product name:	RockLap H&V Pipe Sections
Replaces version:	Version 3.05 March 2026
Changes made:	<ul style="list-style-type: none"><li>• Updated certifications</li></ul>
Additional information:	

*Please ensure you are using the latest version of this document by verifying it on our official website. Do not rely on printed or previously downloaded copies, as these may be out of date.*

*Please contact the ROCKWOOL Technical Support Team if you would like to access archived versions of this document.*

# RockLap H&V Pipe Sections

## ROCKWOOL stone wool – safe to install and live alongside

There are no hazardous classifications associated with stone wool insulation manufactured by ROCKWOOL UK according to EU REACH and UK REACH regulations on health and the environment.

ROCKWOOL safe use instruction sheets and material safety data sheets (where applicable) can be downloaded [here](#).



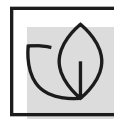
### Sustainability

ROCKWOOL products are used to help enrich modern living, supporting more resilient and comfortable buildings.

We transform abundant, natural volcanic rock into stone wool insulation products that help our customers tackle energy consumption, noise pollution, fire resilience, and climate change challenges such as water scarcity and flooding.

Since our stone wool is endlessly recyclable with no loss in its performance properties, we can take back clean, uncontaminated new off-cuts, and unused ROCKWOOL stone wool insulation from construction sites in the UK. Our service, Rockcycle®, takes back our stone wool and recycles it back into production where it is used to make new ROCKWOOL products.

Our annual sustainability reports, which set out progress against our sustainability goals and further details of the positive impacts of using our products, can be found on our website.



### Environment

ROCKWOOL takes a fact-based, auditable approach to documenting our progress in maximising our products' positive impact and minimising the effect our operations have on the environment, backed by third-party references and methodologies. Further details can be found online in our annual sustainability report.

Our high-tech production process uses filters, pre-heaters, after-burners, and other cleaning and collection systems that help to reduce the effects of our manufacturing operations on the environment.

ROCKWOOL stone wool insulation does not contain (and has never contained) gases that have ozone depletion potential (ODP) or global warming potential (GWP).

