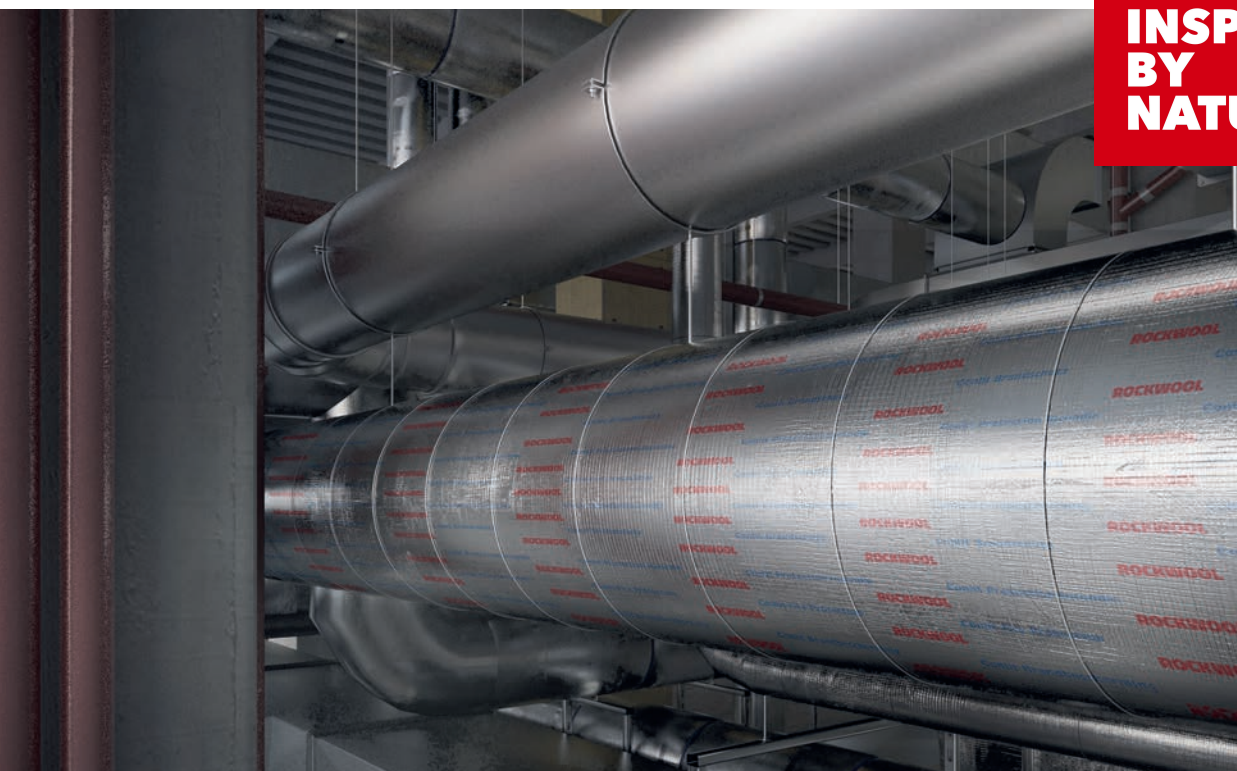


# Conlit PS EIS 60, 90, 120

Fire-resistant pipe section for circular horizontal  
air ducts

**INSPIRED  
BY  
NATURE.**



## Product description

The Conlit PS EIS system is the ideal fire resistant insulation for horizontal, circular ventilation ducts with a maximum diameter of 356mm. This system contains a number of standard pipe diameters with associated insulation thicknesses.

## Application

Conlit PS EIS pipe sections are used in combination with fire-resistant Conlit Duct Bandage for fire protection and penetrations of circular ventilation ducts.

# Conlit PS EIS 60, 90, 120

## Fire-resistant pipe section for circular horizontal ventilation ducts

### Product benefits

- Fire-resistant, acoustic and thermal insulation in one;
- Single-layer insulation solution;
- No (additional) collars for flanges and suspensions required;
- Simple to work with, easy to fit to size for the professional;
- Can be used for horizontal ventilation ducts, and for internal and external fire scenarios;
- Can be used for both solid and light partition structures;
- Easily recognised by printed aluminium foil;
- Excellent thermal insulation, not subject to shrinkage or expansion, preventing thermal leaks. No thermal ageing, meaning constant insulation performance throughout the life time of the building;
- Produces virtually no smoke and no toxic gases during a fire;
- Highly sound-absorbent and improves the acoustic insulation values;
- Environmentally friendly, natural material, fully recyclable.  
Makes a significant contribution to the sustainability of buildings;
- Water-repellent, non-hygroscopic and non-capillary;
- Chemically neutral and does not cause or promote corrosion;
- Not a breeding ground for fungi.

### Product range

Fire resistance (min)	60	90	120
Thickness (mm)	60	80	100
Outside diameter $\varnothing$ (mm)	63, 80, 100, 125, 160, 200, 250, 315, 356*		

\* 356 mm, thickness 80 and 100, only available uncoated

### Service product Conlit Duct Bandage

Conlit Duct Bandage is an intumescent fire resistance protection and penetrations for circular ventilation ducts up to a maximum diameter of 356 mm in combination with Conlit PS EIS pipe sections.

### Technical information

	Waarde	Norm
Coefficient of thermal conductivity	$\lambda_{10} = 0,040$ (W/m.K)	EN ISO 8497
Euro fire class	A2 <sub>s</sub> -s1, d0	EN 13501-1
Fire resistance	Fire resistance from 60 to 120 minutes	EN 1366-1
Water absorption	WS ( $\leq 1$ kg/m <sup>2</sup> )	EN 13472
Vapour diffusion resistance of aluminium foil	$S_d \geq 200$ m	EN 13469

## Fire resistance

Conlit PS EIS 60 - EI 60 (ho, i <--> o) S according EN 1366-1

Conlit PS EIS 90 - EI 90 (ho, i <--> o) S according EN 1366-1

Conlit PS EIS 120 - EI 120 (ho, i <--> o) S according EN 1366-1

## Handling

Various details must be taken into account when applying fire-resistant cladding to round ventilation ducts. For more information, take contact with our technical service.



## Services

### Technical advice

You can contact our specialists for advice on building regulations, thermal calculations, details, product applications, use and topical issues such as energy efficiency, fire safety, circularity and acoustics. Our technical specialists would be happy to consult with you at an early stage in order to find the optimal insulation solution for your project. [rockwool.nl/technischadvies](https://rockwool.nl/technischadvies) · [rockwool.be/contact](https://rockwool.be/contact)

### Pallet return service

Don't leave empty pallets lying around on the construction site – have them collected for free with our pallet return service. [rockwool.nl/palletretourservice](https://rockwool.nl/palletretourservice) · [rockwool.be/palletretourservice](https://rockwool.be/palletretourservice)

### Rockcycle®

With Rockcycle we help you collect stone wool residues from the construction site for recycling and further logistical treatment. [rockwool.nl/rockcycle](https://rockwool.nl/rockcycle) · [rockwool.be/rockcycle](https://rockwool.be/rockcycle)



## Tools

### Specification service

Download the specification you need with the free online ROCKWOOL specification service. [rockwool.nl/bestekservice](https://rockwool.nl/bestekservice) · [rockwool.be/bestekservice](https://rockwool.be/bestekservice)

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