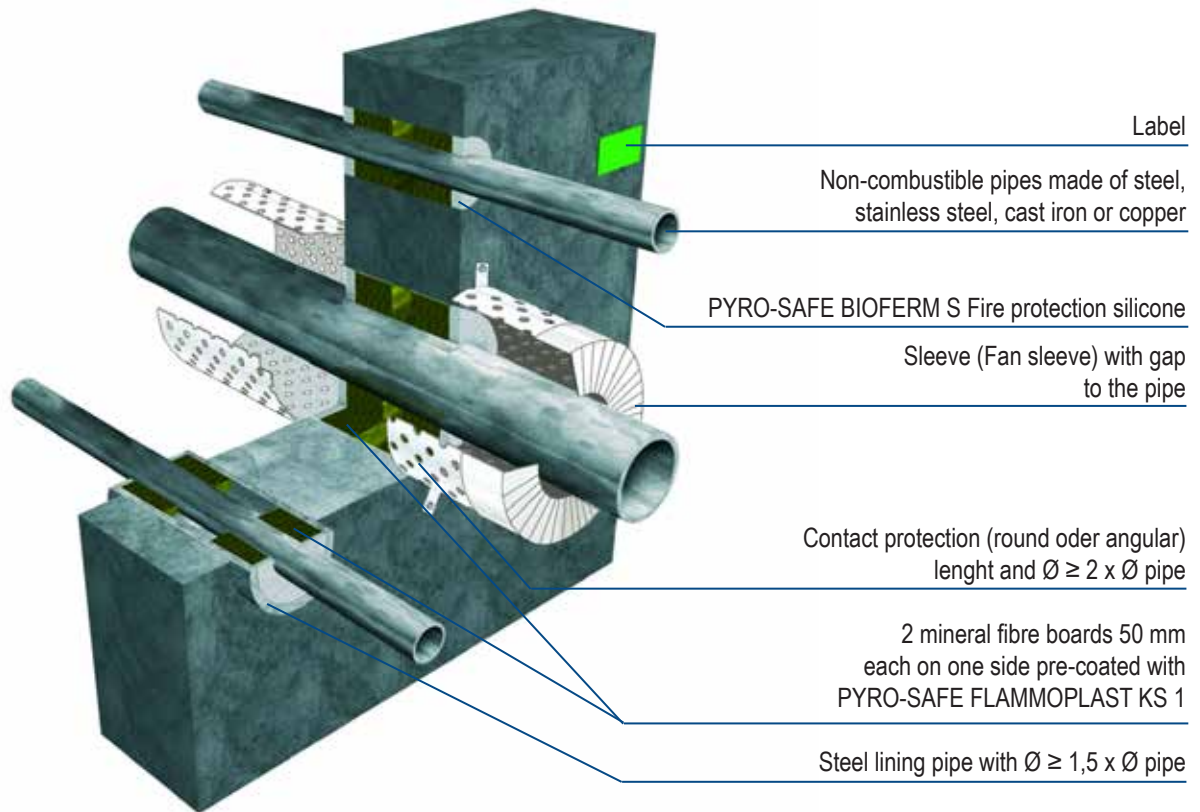


# PYRO-SAFE Pipe seals for non-combustible pipes

Isolation system for pipes made of steel, cast iron and copper in wall and floor penetrations.



## System description

### Applications

Isolation systems for incombustible pipes through massive walls as well as plasterboard walls and floors.

### Characteristics

Fire and smoke tight.

### Fire protection features

Up to 2 hours integrity and insulation

### Applicability certificate

Tested and approved according to national and international standards as e.g.:  
DIN 4102,  
other standards on request

Pipes

## Technical Data

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### Permissible services

Non-combustible pipes made of steel, stainless steel, cast iron or copper, with combustible and non-combustible insulation.

### Particular points to note

Installation and handling permitted only in accordance with the approval, the installation instruction/technical drawings and trained specialists!

### Preliminary building work

None in massive walls and floors. The sealing of pipings are to be in accordance with the local conditions before installation.

### Dimension using the example of DIN 4102 (Germany)

Configuration	Component size	Optional lining pipe-Ø
Wall or floor	≥ 200 mm	≥ 1,5 x Ø pipe

### Dimension using the example of DIN 4102 (Germany) Pipelines \*

Pipe material	Pipe external-Ø	Pipe wall-thickness
Wall or floor	≤ 108,0 mm	≥ 3,6 mm – ≤ 10,0 mm
	> 108,0 mm – ≤ 406,4 mm	

\* low to medium movement requirements

## Components

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- PYRO-SAFE BIOFERM S Fire protection silicone
- Mineral fibre board 50 mm on one side pre-coated with PYRO-SAFE FLAMMOPLAST KS 1
- Loose mineral fibre wool
- PYRO-SAFE FLAMMOPLAST KS 1
- Label