MARVON
DOMINIAMO IL FUOCO

GROUP SILMAR



PIPEWRAP

Technical information

PIPEWRAP is Marvon's intumescent seal designed and developed to guarantee fire resistance up to EI 240 of isolated combustible and incombustible pipes.

PIPEWRAP is composed of a graphite-based thermo-expanding material that reacts, in case of fire, sealing the crossing.

Application field

The PIPEWRAP seal must be embedded inside the support: flexible wall (plasterboard), rigid wall (masonry, concrete or aerated concrete) and rigid floor (concrete, aerated concrete).

It has a fire resistance up to EI 240 classified according to EN 13501-2 for:

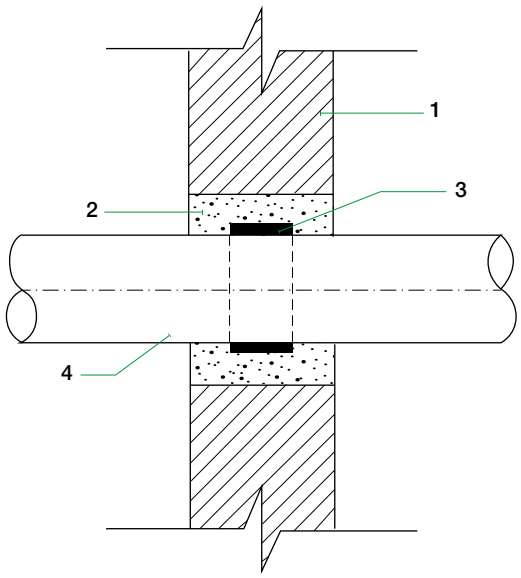
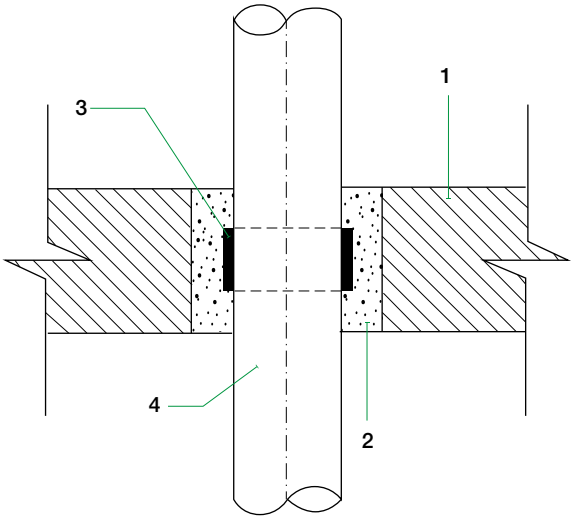
- Combustible pipes (PVC-U, PVC-C,PE HD, PE, ABS, SAN+PVC, PP, PE-RT, PE-RT/AL/PE-RT, PE-X, PE-X/AL/PE-X, PP-R, PP-R/AL/PP-R, PP-R/PP-R-GF/PP-R)
- Combustible soundproof pipes (es. Valsir Triplus®, Valsir Silere®, Valsir PP3®, Valsir Blackfire®)
- Multilayer pipes (es. Valsir Mixal®, Valsir Pexal®)
- Non-combustible pipes insulated with combustible insulation
- Flexible wall minimum 125 mm
- Floor and rigid wall minimum thickness of 150 mm

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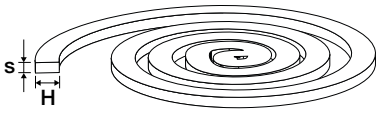
Technical data

Fire resistance	Up to EI 240
Fire reaction	E
Dimensions	60x2 mm - 100x2 mm
Weight	60x2 mm weight 3.70 kg 100x2 mm weight 6.00 kg
Durability	Z_2
Intumescent material	■ Graphite based ■ Minimum expansion temperature 150°C ■ Average expansion time less than 10 minutes
Colour	Anthracite grey
Content, emission and/or release of dangerous substances	NPD
Storage	Unlimited (in normal conditions)
Working life	10 years
Durability	Embedded inside the supports, rigid walls, flexible walls and floors
AVCP system	1

Examples of penetration seals

Wall	Floor
	
1 - Rigid or flexible wall 2 - Filling 3 - PIPEWRAP 4 - Pipe	1 - Floor 2 - Filling 3 - PIPEWRAP 4 - Pipe

Dimensions



COD.	Hxs	L/pz
MA0TF505085	60x2	25 m
MA0TF505086	100x2	25 m

All the dimensions are in mm.

Packaging

- Cardboard boxes

Standard rules

- Test Standard: EN 1366-3
- Fire Classification Standard: EN 13501-2
- European Assessment Document: 350454-00-1104

Certifications

- Classification Report: ETA being issued

Technical specification

Supply and installation of PIPEWRAP graphite-based Marvon intumescent seal to be embedded inside the support, certified up to EI 240 according to ETA (in the issue phase) for the following systems: combustible pipes - insulated non-combustible pipes - multilayer pipes on wall and floor.

The PIPEWRAP gasket must wrap around the pipe and be completely embedded in the support (floor - wall).

Gasket dimensions 60x2 mm and 100x2 mm. Rolls of 25 m.

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