



FP 340 Pipe Wrap

VASTLY EXPANDING WRAP IN CASE OF FIRE

ADVANTAGES

- CE-marked
- Fire classifications up to 240 minutes
- Classified for fire sealing in all types of constructions
- Very good sound insulation
- Very easy to install

PRODUCT

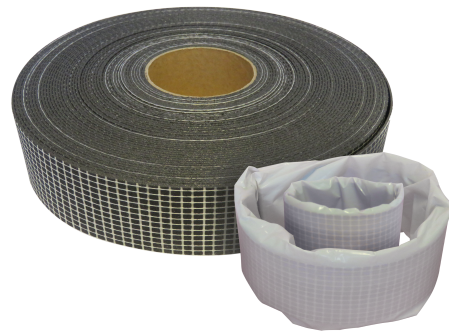
Bostik FP 340 Pipe Wrap is a flexible sleeve which expands vastly in case of fire. Each pipe wrap consists of a graphite based reactive intumescent strip, which reacts to heat and closes the opening left by the softening plastic pipe or combustible pipe insulation in a fire. The pipe wrap is installed completely around the pipes or insulation and secured with the self-adhesive tape. The annular space around the pipe wrap is sealed with Bostik FP 320 Fire Batt and Bostik FP 310 Intumescent Acrylic.

APPLICATIONS

Bostik FP 340 Pipe Wrap is designed to maintain the fire resistance of fire separating walls and floors when these are breached by continuous plastic pipes or metal pipes with combustible insulation, and may be used in gypsum, masonry or concrete walls and concrete floors. Bostik FP 340 Pipe Wrap prevents the spread of heat, smoke and fire to the next compartment.

FEATURES

- Certified to the latest European standards EN 1366-3
- CE marked to ETAG 026-2
- Fire resistance up to 4 hours for both integrity and insulation
- For plastic pipes and metal pipes with continuous combustible pipe insulation
- For plastic pipes with cables (conduits)
- Certified for PVC-U, PVC-C, PE (LD-PE, MD-PE-HD-PE), ABS, SAN+PVC and PP pipes
- Tested and certified for U/U pipe end applications
- Classified for fire sealing in all types of constructions
- No emissions, environmental and user friendly
- Very easy to install
- Very good sound insulation
- Not paintable
- Unlimited storage time (under correct conditions)



METHOD OF USE

Fix a suitable pipe wrap around the service penetration and fasten with the tape as tight as possible in order to prevent any excess opening between the pipe wrap and the service. In floors, only one pipe wrap is required to be installed flush with the soffit so that the edge of the wrap is visible from the underside when back-filled. For walls it is essential to fit a wrap on both sides of the wall, again with the edge just visible.

Where wraps are installed in hollow core slabs or planks, the tubular voids should be filled with stone-wool insulation, normally the same thickness as the depth of the floor.

Bostik FP 340 Pipe Wrap may be installed in a Bostik FP 320 Fire Batt. Cut the hole around the penetrating service to be sealed slightly oversize so that the pipe wrap may be slid in to the middle of the board.

Finally the end of the pipe wrap is sealed with Bostik FP 310 Intumescent Acrylic on both outer sides.

Before application consult the installation instructions and ETA to ensure to achieve the intended fire resistance.

SOUND INSULATION

- Bostik FP 340 Pipe Wrap installed in Bostik 320 Fire Batt: 55 db RW
- Bostik FP 340 Pipe Wrap installed in Bostik FP 370 Fireseal Mortar: 64 dB RW

This sound insulation value is only valid for the collar/pipe and not for other elements in the building construction. The sound insulation has been tested by an accredited laboratory according to EN ISO 10140-2.

LIMITATIONS

Only limited test data are available for using Bostik FP 340 Pipe Wraps in FP 320 Fire Batts in concrete floors. Before application consult the installation instructions and ETA to ensure to achieve the intended fire resistance.

STORAGE STABILITY

Shelf life is unlimited when stored in temperatures between +5 and + 30°C.

FURTHER INFORMATION

Available on request:

- Material safety data sheet
- Installation instructions FP 340 Pipe Wrap
- ETA 19/0390

Technical data	
Base	Graphite inlay in plastic sleeve
Technical Approval	ETAG 026-2
Expansion ratio	28:1
Expansion pressure	55 N
Colour	White wrap with anthracite inlay
Graphite weight	1.3 kg m ³ per mm thickness
Graphite density	1300 kg/m ³
Expansion time	Less than 10 minutes
Durability	Z2 intended for use in internal conditions with humidity classes other than Z1, excluding temperatures below 0°C
Available dimensions (article number)	Ø55mm (30614863), Ø82mm (30614864), Ø110mm (30614865), Ø125mm (30614866), Roll 50mmx25m (30615057), Roll 75mmx25m (30615056)

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