

Pipe Collars



- Provides up to 4 hours fire resistance
- Available for use on PVCu & non-PVCu plastic pipes
- Easy to install
- Standard & non-standard sizes available
- Unaffected by moisture



abesco

h i g h p e r f o r m a n c e f i r e s t o p p r o d u c t s

WHAT ARE ABESCO PIPE COLLARS?

Abesco Pipe Collars are designed to prevent the spread of fire from one compartment to another where plastic pipes penetrate separating walls and floors, and provide up to 4 hours fire resistance.

Abesco Pipe Collars consist of a split hinged powder coated steel shell, which contains the heat reactive intumescent material. The unit is held closed around the pipe by a toggle and latch for ease of closure by the installer.

WHY USE ABESCO PIPE COLLARS?

- Comprehensively tested and assessed in accordance with BS476-20:1987, EN1366-3:2004, AS1530-4:1997, AS4072-1:1992 and SABS 0177-2 for up to 4 hours fire resistance
- Certification for a wide range of plastic pipes including PVCu, HDPE, MDPE, PP, ABS and Friatherm
- Available in the widest range of sizes for standard and non-standard pipe diameters
- Tested for use in plasterboard partitions and timber floors
- Easy to install
- Unaffected by moisture or atmospheric Carbon Dioxide

WHERE TO USE ABESCO PIPE COLLARS

Abesco Pipe Collars are suitable for use in any building which has plastic pipes penetrating fire rated compartment walls and floors.

Typical types of buildings where Pipe Collars are commonly used are:

Flats and Apartment Blocks, Hotels, Hostels, Halls of Residence, Prisons, Office Blocks, Hospitals, Airports, Retail Centres, etc.

Abesco Pipe Collars can be used in walls or floors. (For installation details please refer to technical data sheet).

WHAT HAPPENS IN A FIRE SITUATION?

When exposed to the heat of a fire, the intumescent material contained within the Pipe Collar expands and exerts pressure on the melting plastic pipe, causing the opening to be closed off and thus preventing the spread of fire from one compartment to another.

HOW TO SPECIFY PIPE COLLARS

"Supply and install Abesco Pipe Collars to provide up to (1, 2, 3 or 4) hours fire resistance to suitmm diameter PVCu/HDPE/MDPE/PP/ABS/Friatherm pipes in accordance with the manufacturers recommendations"

Supplied by: Abesco Ltd, Abesco House, Laurencekirk Business Park, Laurencekirk, AB30 1EY, UK.

ABESCO PIPE COLLARS

For situations where access around a pipe is restricted, or where the section of pipe to be sealed is irregular in shape (such as where a bend or joint is within the thickness of a floor or wall), Abesco Pipe Wraps are recommended.

Abesco Pipe Wraps comprise a flexible polythene sleeve which contains the heat reactive intumescent material. The sleeve is wrapped fully around the pipe, and is held closed by the adhesive tab attached to one end of the wrap.

Abesco Pipe Wraps **must** be cast in situ, using a non-combustible mortar material, whilst ensuring that the edge of the polythene sleeving remains exposed to the fire risk side of the separating element to ensure rapid activation of the intumescent material in the event of a fire.

(For further information please refer to technical data sheet).

OTHER ABESCO PRODUCTS

Abesco supply a wide range of firestopping products which provide the specifier or engineer with solutions to most passive fire protection problems experienced on site.

- Fire Rated Boards for multiple service penetrations
- Fire Rated Movement Joints
- Fire Rated Mortar
- Protecta System - intumescent paint for structural steel protection
- Fire Rated Mastics
- CT120 cable transit system

NON STANDARD MANUFACTURING AND TESTING

Abesco Pipe Collars can be manufactured to meet project specific requirements where standard production specifications may not fulfil client needs. For example, size and fixing variations can be accommodated, manufacture in stainless steel or zinc plated steel for more aggressive environments is also available.

Project specific fire testing can be arranged for particular site configurations.

HOW TO ORDER

Your local supplier is:

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