



INTUMESCENT PIPE COLLARS

Up to 4 hours protection

PERFORMANCE BENEFITS

- Provide up to 4 hours fire resistance.
- Available for use on PVCu and non-PVCu plastic pipes.
- Unaffected by moisture.
- Standard & non-standard sizes available.

INTRODUCTION

Firewise 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.

Firewise 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.

PERFORMANCE

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.

Firewise Pipe Collars have been comprehensively tested and assessed in accordance with BS 476: part 20: 1997 for up to 4 hours fire resistance and have certification for a wide range of plastic pipes including PVCu, HDPE, MDPE, PP, ABS. They are available in the widest range of sizes for standard and non-standard pipe diameters, have been tested for use in plasterboard partitions and timber floors and are unaffected by moisture or atmospheric Carbon Dioxide.

APPLICATION

Firewise Pipe Collars are suitable for use in any building which has plastic pipes penetrating fire rated compartment walls and floors. (For installation details please refer to technical data sheet).

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.

SPECIFICATION

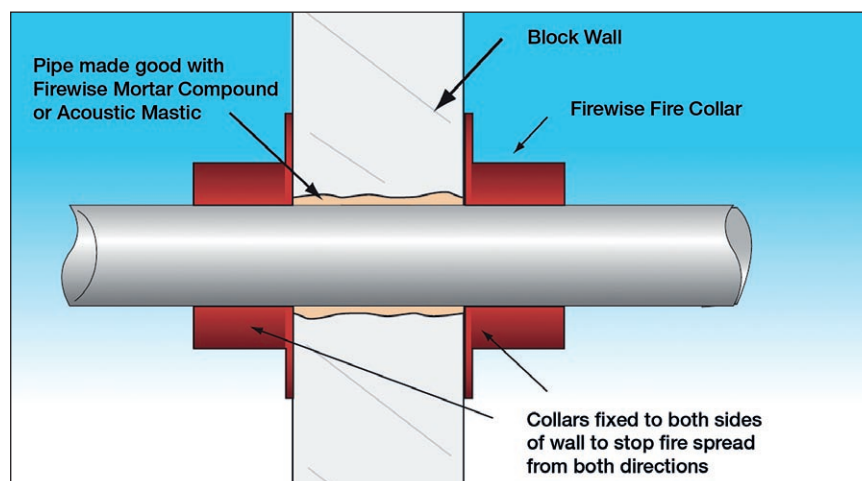
"Supply and install Firewise Pipe Collars to provide up to (1, 2, 3 or 4) hours fire resistance to suit diameter of PVCu / HDPE / MDPE / PP / ABS pipes in accordance with the manufactures recommendations".

Tested to European Standard BSEN 1366-3
Classification to:
EN 13501-2:2007+A1:2009



PVCu Pipe Sizes (Norm. Diam.)	Standard Sizes
55mm	110mm
82mm	160mm
125mm	200mm

Micro Collar Range
15mm, 22mm, 38mm and 42mm.
Other sizes are available on request.



RECOMMENDED FIXINGS	
Fly Ash Block	75mm x M6 Anchor Bolts
Dense Engineering Bricks	40mm x M6 Anchor Bolts
Standard Bricks	50mm x M6 Anchor Bolts
Cast Lightweight Concrete	60mm x M6 Anchor Bolts
Cast Dense Concrete	40mm x M6 Anchor Bolts
Breeze Blocks	75mm x M6 Anchor Bolts
3mm+ Steel	M6 bolts or drill and self tapping screw
Fire Rated Stud Walls	M6 spring toggles, or if collars are to be used on both sides bolt straight through