

# Pipe Wraps



- Provides up to 4 hours fire resistance
- Easy to install where access is difficult
- Factory sealed in a plastic sleeve
- "Cast in" solution



**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 WRAPS?

Abesco Pipe Wraps 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 Wraps consist of a factory sealed plastic sleeve which contains the heat reactive intumescent material. The product is easily installed by wrapping tightly around the plastic pipe and is held closed by an integral peel back self adhesive strip.

## WHY USE ABESCO PIPE WRAPS?

- Fully tested and assessed by independent authorities in accordance with BS476-20:1987, EN1366-3:2004, AS1530-4:1997, AS4072-1:1992 for up to 4 Hours fire resistance.
- Ideal for situations where access is difficult and where a traditional collar is not practicable.
- Must be cast-in the thickness of the wall or floor
- Easy to install.
- Unaffected by moisture or atmospheric Carbon Dioxide.

## WHERE TO USE ABESCO PIPE WRAPS

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

Typical types of building where Abesco Pipe Wraps are commonly used are:

Flats and apartment blocks, Hotels, Hostels, Halls of residence,

Prisons, Office blocks, Hospitals, Airports, Retail centres, etc etc.

Abesco Pipe Wraps 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 in the Abesco Pipe Wrap 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.

Abesco Pipe Wraps **MUST** be cast into the wall or floor to be effective. The intumescent material expands and exerts pressure against the surrounding mortar or concrete, which directs the expansion inwards thereby closing off the aperture created by the softening pipe. Abesco Pipe Wraps should **NOT** be surface mounted.

## HOW TO SPECIFY ABESCO PIPE WRAPS

"Supply & install Abesco Pipe Wraps to provide up to (1, 2, 3 or 4) hours fire resistance to suit \_\_\_mm diameter PVCu pipes. Pipe Wraps to be cast into the wall or floor in strict accordance with the manufacturers recommendations"

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

## ABESCO PIPE COLLARS

For situations where a Pipe Wrap is unsuitable, or where it is not possible to cast the wrap into the thickness of the wall or floor Abesco Pipe Collars are recommended.

Abesco Pipe Collars are manufactured from either powder coated mild steel, uncoated stainless steel or zinc-coated steel and provide up to 4 hours fire resistance. Abesco Pipe Collars can be surface mounted or cast into the wall or floor, and are readily available to suit a wide range of pipe diameters.

For further information please refer to the relevant product data sheets.

## OTHER ABESCO PRODUCTS

Abesco supply a wide range of firestopping products which provide the specifier and engineer with cost effective solutions to most passive fire protection problems experienced on todays construction projects.

- Intumescent Pipe Collars for Plastic Pipes
- CT120 cable transit system for use on electrical cable trays and cable trunking
- Fire Rated Mortar
- Fire Rated Mastics
- Fire Rated Movement Joints
- Fire Rated Boards for multiple service penetrations

## HOW TO ORDER

Your local supplier is:

Abesco Fire Ltd., Abesco House,  
Laurencekirk Business Park,  
Laurencekirk, AB30 1EY, Scotland, UK  
Tel: +44 (0)1561 377766 Fax: +44 (0)1561 378887  
info@abesco.net

Abesco LLC  
Unit 325,  
9561 Satellite Blvd.  
Orlando, FL 32837  
www.abesco.net

