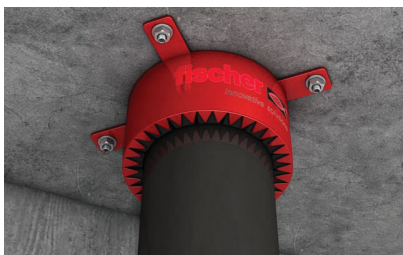
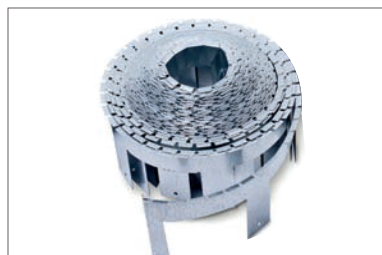


## Universal intumescent wrap strip for sealing combustible services



Wall application



Universal collar

### APPLICATIONS

- Non metallic service - PVC 14"(355mm)  
cPVC 8"(203mm)  
ABS 6" (152mm)  
FRPP 4"(102mm)
- Insulated service - Steel 10"(254mm)  
Iron 10"(254mm)  
Copper 4"(102mm)  
Glass Fiber 3" - (75mm)  
AB/PVC Flexible  
Foam 1"(25mm)  
3" (76mm)
- Cable bunches - 3" (76mm)

### ADVANTAGES

- Efficient and effective for sealing of pipe openings in floors and walls.
- Easy to fit
- Moisture resistant
- Freeze Thaw Characteristics
- No mechanical fixing required
- Economical solution
- Up to 4 hours fire resistance

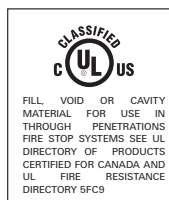
### APPROVALS

#### American Standard

ASTM E 814  
(UL 1479)

#### American Standard

ASTM E 84  
(UL 723)



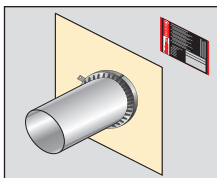
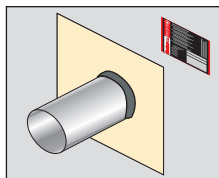
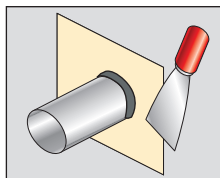
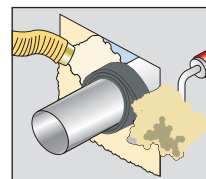
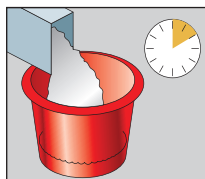
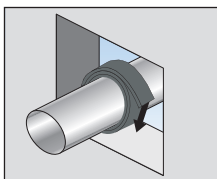
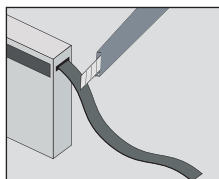
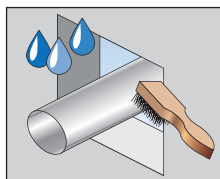
### DESCRIPTION

- fischer intumescent Wrap Strip - FiWS is a flexible, intumescent graphite based synthetic compound strip which has been designed to be installed around non metallic pipes, conduits, trunking and cabling in both vertical and horizontal applications.
- Tested in accordance with ASTM E 84 (UL723) & ASTM E 814 (UL1479) the fischer FiWS can provide up to 4 hours fire resistance on a wide range of applications. The FiWS is asbestos and halogen free, and is unaffected by oil, fungus or vermin.
- FiWS has been developed as a PRE or cast-in firestop solution, and has been designed to work with the fischer Universal Collar for retro fitting or surface mounted applications.
- For large openings the FiWS can be used in conjunction with the fischer Fire Stop Compound - FFSC.

### INSTALLATION

**Note: Firestop material must be installed in accordance with detailed instruction or the approved system:**

- Clean all contact surfaces so they are free from loose debris and contaminants. Ensure services are sufficiently supported as per approved system or local building codes.
- Choose the correct size of FiWS in accordance with the pipe diameter.
- Wrap FiWS around the pipe and fix it tightly by using integral self-adhesive strip or additional tape if required.
- Push FiWS in position so that the wrap is at mid depth of the aperture. Two wraps should be used if the wall thickness exceeds 150mm.
- Check the annular space and backfill with fischer Intumescent Acoustic Mastic - FiAM or fischer Fire Stop Compound - FFSC as per detailed instruction or approved system.



## SPECIFICATIONS

Description	Order No.	Dimensions of wrap strip mm [Inch]	Qty. Per Box
<b>FiWS - 1</b>	530876	25mm x 6mm x 3.66m [1 " x 1/4 " x 12 "]	1
<b>FiWS - 2</b>	530877	50mm x 6mm x 3.66m [2 " x 1/4 " x 12 "]	1
<b>Universal Collar</b>	524765	25mm x 15m [1 " x 50ft]	1
<b>Universal collar 2</b>	536053	50mm x 15m [2 " x 50ft]	1

## TECHNICAL DATA

State	Solid
Colour	Black inner component in outer red carrier
Odour	Odourless
Density	1.3 kg/m <sup>3</sup>
Expansion ratio	1 : 40
Significant expansion occurs at temperature	> 190°C
Application temperature	-40°C to 130°C
Available sizes	max. <355mm (14")
Flame spread (ASTM E 84 - UL723)	5
Smoke index (ASTM E 84 - UL723)	5
Shelf-life	5 years

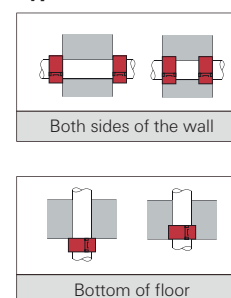
## APPLICATION DATA

The following dimensions must be observed when using fischer FiWS

### Application Guide

FiWS 1 & 2 Typical configuration				
Pipe diameter [mm]	No. of layers	No. of stacks for 1" wrap	Max. hole Diameter	Length
50	1	2	76	0.34
75	2	2	127	1.1
100	2	2	152	1.42
150	3	2	178	3.18
200	4	2	254	5.64
305	4	4	355	16.56

### Typical Detail



## ADDITIONAL INFORMATION

Note: Please refer to MSDS for further information

### Recommendations

- Can be used in conjunction with:  
**fischer UFS Universal Firestopping Sealant**  
**fischer FFSC FireStop Compound**

### Storage

- Store indoors in a dry area above the ground
- Store away from heat sources