



FPC(UK) Ltd Manufacturers and suppliers of quality **FIRESURE**® Fire Protection Products.

Tel:- 01384 633660

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Home of **FIRESURE**® 'Fire Protection Certified', range of products .

Pipe Wrap ROLLS & IRWPR large wraps

[Data Sheet 10108](#)

Description

The **FIRESURE**® Wrap in a roll and IPWPR range of intumescent pipe WRAP solutions is designed for and suitable for use for pipes through solid masonry or concrete walls, floors and ceilings. Giving up to 240 minutes 120 minutes in some applications fire protection dependant on structures tested product should be selected to match or exceed structures fire rating). Supplied in plastic sleeve made to be fitted in new build or refurbishment contracts on existing pipes. The FPC range of **FIRESURE**® is probably the only range backed by **Failure to perform insurance** called Efficacy insurance (or 'failure to perform' cover) protects you against the legal liability for injury to third parties, or damage to third party property, when a product or service you supply fails to perform its intended function subject to being fitted all in accordance with specified installation details and within the tested scope of application. Covered up to £10,000,000.00 .

Features and Benefits

Tested to BS EN 1363-1, BS EN 1366-3, BS476-20/23

Tested in Uncapped/Uncapped configuration for a variety of applications

Tested on masonry, concrete for walls floors and ceilings

Tested for popular sizes of pipes up to 400mm OD wraps

Up to of 4 hours fire rating achieved in differing applications
Collar height dictates fire performance based on pipe sizes

Approved for single sided use in some concrete and masonry wall applications.

Suitable mechanical fixings required dependant on substrates

Unaffected by water/moisture. Stocks in red, white or plain

Cost effective, Easy to install, & will not nourish mould growth

Maintenance free for building life time (25/30 years)

Edges free around wraps MUST be sealed with **FIRESURE**® fire and acoustic mastic to meet product certification on uneven surfaces although considered good practise to use in all applications

Oversized holes should be backfilled with **FIRESURE**® HD fire cement.

Manufactured with plastic sleeve filled with high performing long lifespan intumescent core material

Will not detract from acoustic value of wall/floor when backfilled



*** Manufactured in various sizes ***
*** Tested up to 4 hours ***





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Firesure® IPW contract range of Intumescent Pipe Wraps

PIPE OD	up to 4 Hour rated Reference	SIZE ROLLS PIPE WRAP see use table	UP to 4 Hour rated Reference
55mm	IPW/055/1.5	12.5mt x 50mm plain	1PRWPR/050/12MPL
82mm	IPW/064/1.5	12.5mt x 75mm plain	1PRWPR/050/12MPL
110mm	IPW/075/1.5	25.0mt x 50mm plain	1PRWPR/050/25MPL
125mm	IPW/082/1.5	25.0mt x 75mm plain	1PRWPR/050/25MPL
160mm	IPW/090/1.5	12.5mt x 50mm plain	1PRWPR/050/12MSA
200mm	IPW/100/1.5	12.5mt x 75mm plain	1PRWPR/050/12MSA
250mm	IPW/105/1.5	25.0mt x 50mm plain	1PRWPR/050/25MSA
315mm	IPW/110/1.5	25.0mt x 75mm plain	1PRWPR/050/25MSA
400mm	IPW/115/1.5		

Application - Installation Instruc-

First check the size and fire rating before application

The **Firesure**® IPWPR Intumescent wrap must be positioned tightly around the pipe, then the self-adhesive joining strip peeled back and stuck down .

Slide into place 2/3mm passed the face of the wall or floor

It is good practise to apply **Firesure**® Intumescent Mastic in the 2/3mm space between the wall or floor and the Intumescent wrap to prevent it being removed or slippage occurring over time

If the space around the wrap is to great then **Firesure**® cement must be used to fill the void before applying the **Firesure**® Intumescent Mastic

In a fire the intumescent expands and being contained within the concrete/masonry structure it closes the hole left by the collapsing pipe retaining the structures fire integrity.

The **Firesure**® IPWPR Wrap must be fitted as above using **Firesure**® Intumescent Mastic if required to comply with certification and insurance warrantee. For walls and ceilings concrete an masonry to meet regulations

First check the size and fire rating before application

The **Firesure**® IPWPR ROLL Intumescent wrap **MUST BE WRAPPED AROUND PIPE IN LAYERS AS TABLE BELOW TO CONFORM CONTRACTOR MUST ENSURE CORRECT** must be positioned tightly around the pipe, USING self-adhesive joining strip peeled back and stuck down . IF PLAIN MUST BE TAPED ALL ROUND WHEN FITTED

Slide into place 2/3mm passed the face of the wall or floor

It is good practise to apply **Firesure**® Intumescent Mastic in the 2/3mm space between the wall or floor and the Intumescent wrap to prevent it being removed or slippage occurring over time

If the space around the wrap is to great then **Firesure**® cement must be used to fill the void before applying the **Firesure**® Intumescent Mastic

In a fire the intumescent expands and being contained within the concrete/masonry structure it closes the hole left by the collapsing pipe retaining the structures fire integrity.

50mm OD pipe = 2 layers wrapped round
 55mm OD pipe = 2 layers wrapped round
 75mm OD pipe = 2 layers wrapped round
 82mm OD pipe = 2 layers wrapped round
 110mm OD pipe = 2 layers wrapped round
 125mm OD pipe = 4 layers wrapped round
 160mm OD pipe = 6 layers wrapped round
 200mm OD pipe = 6 layers wrapped round
 250mm OD pipe = 10 layers wrapped round
 315mm OD pipe = 10 layers wrapped round
 400mm OD pipe = 16 layers wrapped round

As stated above contractor accepts responsibility for correct number of layers used it is recommended that photos taken and kept with records Without this no warrentee will apply as no proof of correct fitting exists.