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

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Data Sheet 10009 Home of Firesure® `Fire Protection Certified`, range of prod-

Flexible Fire UFS Wrap for Recangular & Square Ducting,Trunking & Cable

Description

Data Sheet 10009 For Circular UFS see Data Sheet 10109

The Firesure® UFS is the first ECO FRIENDLY intumescent wrap which is designed for and suitable for use with rectangular and Square Ducting, Trunking & cable trays, through stud partitioning and masonry walls giving up to 120 minutes fire protection. Supplied flat packed, pre made ready to be fitted to ducting, pipes or cable tray installations, or can be retrofitted on existing systems simply by wrapping round the product to be protected. Tested in partitioning through Firesure® slab/batt. 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 1363-1:2012 and BS EN 1366-3:2009

Tested in walls with both Uncapped/Uncapped and Uncapped/Capped duct configurations required for ventilation ducts

Tested on more onerous stud walls without insulation

Tested through unlined wall openings through infilled and pattress fitted Firesure® FR Batt

Up to and in excess of 2 hours fire rating achieved in differing lengths up to 220mm long

FOR ROUND PIPES AND DUCTS SEE DATA SHEET 10109

Eco Friendly product

Easily transported and handled as none bulky flat packed

Suitable for insulated and non-insulated partitions

No mechanical fixings required – Can also be retrofitted

Unaffected by water/moisture.

Cost effective, Easy to install, Maintenance free, Available in range of sizes

Edges around sleeves MUST be sealed with Firesure® fire and acoustic mastic to meet product certification

Manufactured from High performance fire rated cloth to any size or lengtht such as 270mm

Manufactured using high fast acting intumescent fire stopping

Made from high performing Firesure® intumescent core material



*** Manufactured in various lengths ***
*** Tested up to 220mm long ***



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Flexible Fire UFS Wrap for Rectangular & Square Ducting/Trunking/CableTrays

ORDER REFERENCE	SIZE mm W x H x L	ORDER REFERENCE	SIZE mm W x H x L	ORDER REFERENCE	SIZE mm W x H x L
UFS/110/54/90	110 x 54 x 90	UFS/235/30/90	235 x 30 x 90	UFS/100/50/90	100 x 50 x 90
UFS/110/54/110	110 x 54 x 110	UFS/235/30/110	235 x 30 x 110	UFS/100/50/110	100 x 50 x 110
UFS/110/54/120	110 x 54 x 120	UFS/235/30/120	235 x 30 x 120	UFS/100/50/120	100 x 50 x 120
UFS/110/54/130	110 x 54 x 130	UFS/235/30/130	235 x 30 x 130	UFS/100/50/130	100 x 50 x 130
UFS/110/54/170	110 x 54 x 170	UFS/235/30/170	235 x 30 x 170	UFS/100/50/170	100 x 50 x 170
UFS/110/54/220	110 x 54 x 220	UFS/235/30/220	235 x 30 x 220	UFS/100/50/220	100 x 50 x 220
UFS/204/60/90	204 x 60 x 90	UFS/310/30/90	310 x 30 x 90	UFS/75/75/90	75 x 75 x 90
UFS/204/60/110	204 x 60 x 110	UFS/310/30/110	310 x 30 x 110	UFS/75/75/110	75 x 75 x 110
UFS/204/60/120	204 x 60 x 120	UFS/310/30/120	310 x 30 x 120	UFS/75/75/120	75 x 75 x 120
UFS/204/60/130	204 x 60 x 130	UFS/310/30/130	310 x 30 x 130	UFS/75/75/130	75 x 75 x 130
UFS/204/60/170	204 x 60 x 170	UFS/310/30/170	310 x 30 x 170	UFS/75/75/170	75 x 75 x 170
UFS/204/60/220	204 x 60 x 220	UFS/310/30/220	310 x 30 x 220	UFS/75/75/220	75 x 75 x 220
UFS/220/90/90	220 x 90 x 90	UFS/50/25/90	50 x 25 x 90	UFS/100/75/90	100 x 75 x 90
UFS/220/90/110	220 x 90 x 110	UFS/50/25/110	50 x 25 x 110	UFS/100/75/110	100 x 75 x 110
UFS/220/90/120	220 x 90 x 120	UFS/50/25/120	50 x 25 x 120	UFS/100/75/120	100 x 75 x 120
UFS/220/90/130	220 x 90 x 130	UFS/50/25/130	50 x 25 x 130	UFS/100/75/130	100 x 75 x 130
UFS/220/90/170	220 x 90 x 170	UFS/50/25/170	50 x 25 x 170	UFS/100/75/170	100 x 75 x 170
UFS/220/90/220	220 x 90 x 220	UFS/50/25/220	50 x 25 x 220	UFS/100/75/220	100 x 75 x 220
UFS/180/90/90	180 x 90 x 90	UFS/50/50/90	50 x 50 x 90	UFS/100/100/90	100 x 100 x 90
UFS/180/90/110	180 x 90 x 110	UFS/50/50/110	50 x 50 x 110	UFS/100/100/110	100 x 100 x 110
UFS/180/90/120	180 x 90 x 120	UFS/50/50/120	50 x 50 x 120	UFS/100/100/120	100 x 100 x 120
UFS/180/90/130	180 x 90 x 130	UFS/50/50/130	50 x 50 x 130	UFS/100/100/130	100 x 100 x 130
UFS/180/90/170	180 x 90 x 170	UFS/50/50/170	50 x 50 x 170	UFS/100/100/170	100 x 100 x 170
UFS/180/90/220	180 x 90 x 220	UFS/50/50/220	50 x 50 x 220	UFS/100/100/220	100 x 100 x 220
UFS/150/70/90	150 x 70 x 90	UFS/75/50/90	75 x 50 x 90	UFS/150/50/90	150 x 50 x 90
UFS/150/70/110	150 x 70 x 110	UFS/75/50/110	75 x 50 x 110	UFS/150/50/110	150 x 50 x 110
UFS/150/70/120	150 x 70 x 120	UFS/75/50/120	75 x 50 x 120	UFS/150/50/120	150 x 50 x 120
UFS/150/70/130	150 x 90 x 130	UFS/75/50/130	75 x 50 x 130	UFS/150/50/130	150 x 50 x 130
UFS/150/70/170	150 x 90 x 170	UFS/75/50/170	75 x 50 x 170	UFS/150/50/170	150 x 50 x 170
UFS/150/70/220	150 x 90 x 220	UFS/75/50/220	75 x 50 x 220	UFS/150/50/220	150 x 50 x 220

Cont PAGE 3. **WE CAN ALSO CUSTOM MAKE ANY REQUIRED SIZES & LENGTHS**

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The original Low Profile fire sleeve for thin wall plastic ducting up to 220mm x 90mm and up to 2+ hours fire integrity, with only 4.5mm nominal thickness.

Home of Firesure® `Fire Protection Certified`, range of products

Flexible Fire UFS Wrap for Rectangular & Square Ducting/Trunking/CableTrays

ORDER REFERENCE	SIZE mm W x H x L	ORDER REFERENCE	SIZE mm W x H x L	ORDER REFERENCE	SIZE mm W x H x L
UFS/150/75/90	150 x 75 x 90	UFS/150/150/90	150 x 150 x 90	UFS/225/50/90	225 x 50 x 90
UFS/150/75/110	150 x 75 x 110	UFS/150/150/110	150 x 150 x 110	UFS/225/50/110	225 x 50 x 110
UFS/150/75/120	150 x 75 x 120	UFS/150/150/120	150 x 150 x 120	UFS/225/50/120	225 x 50 x 120
UFS/150/75/130	150 x 75 x 130	UFS/150/150/130	150 x 150 x 130	UFS/225/50/130	225 x 50 x 130
UFS/150/75/170	150 x 75 x 170	UFS/150/150/170	150 x 150 x 170	UFS/225/50/170	225 x 50 x 170
UFS/150/75/220	150 x 75 x 220	UFS/150/150/220	150 x 150 x 220	UFS/225/50/220	225 x 50 x 220
UFS/150/100/90	150 x 100 x 90	UFS/200/100/90	200 x 100 x 90	UFS/300/100/90	300 x 100 x 90
UFS/150/100/110	150 x 100 x 110	UFS/200/100/110	200 x 100 x 110	UFS/300/100/110	300 x 100 x 110
UFS/150/100/120	150 x 100 x 120	UFS/200/100/120	200 x 100 x 120	UFS/300/100/120	300 x 100 x 120
UFS/150/100/130	150 x 100 x 130	UFS/200/100/130	200 x 100 x 130	UFS/300/100/130	300 x 100 x 130
UFS/150/100/170	150 x 100 x 170	UFS/200/100/170	200 x 100 x 170	UFS/300/100/170	300 x 100 x 170
UFS/150/100/220	150 x 100 x 220	UFS/200/100/220	200 x 100 x 220	UFS/300/100/220	300 x 100 x 220

Application - Installation Instructions

The Firesure® UFS intumescent duct sleeve/trunking must be positioned centrally to bridge the cavity within stud partitioning, so that as a minimum it is flush with both faces of the wall, or protrudes from each face.

The plasterboard should be cut to be as tight a fit as possible around the Firesure® UFS intumescent fire sleeve/wrap, or use Firesure® Slab/Batt infilled or pattress fitted.

In a fire the intumescent expands and being contained within the UFS sleeve/wrap it expands and closes the hole left by the collapsing ducting/trunking/cable tray retaining the structures integrity.

The Firesure® UFS intumescent sleeve/wrap is made to suit the size of the /trunking/cable trayand the length required.

The Firesure® UFS intumescent sleeve/wrap incorporates a self adhesive tab to secure the sleeve around the duct// trunling/cable tray allowing positioning through the wall/ partition.

Make good edges and surface use Firesure® fire int mastic . The Firesure® USF intumescent sleeve is not sold without the Firesure® Intumescent Mastic to comply with certification and



This product should be fitted as above. All the information issued in this data sheet is believed to be current and accurate at date of publication, but in no way is it intended as a warranty, expressed or implied . User must satisfy themselves as to suitability for their individual application and use. It is users responsibility to ensure they have correct up to date issue of this data sheet

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MUST TAKE MASTIC WITH SLEEVE

Single unit size EXTERNAL SIZES mm ducting/pipe/void	**BEAD of mastic Dia mm**	**For Guidance Only Units per 310ml tube sealant one side of wall, ceiling or floor**	**For Guidance Only Units per 310ml tube sealant two sides wall, ceiling or floor**
110mm x 60mm	5	38	17
204mm x 60mm	5	26	13
220mm x 90mm	5	20	10
60mm x 60mm	5	48	24
100mm x 30mm	5	48	24
100mm x 60mm	5	38	19
150mm x 30mm	5	34	17
150mm x 60mm	5	30	15
200mm x 30mm	5	28	14
200mm x 60mm	5	24	12
300mm x 30mm	5	18	9
300mm x 60mm	5	16	8
30mm OD	5	120	60
40mm OD	5	90	45
50mm OD	5	76	38
60mm OD	5	64	32
70mm OD	5	56	28
75mm OD	5	50	25
80mmOD	5	46	23
90mm OD	5	40	20
100mmOD	5	38	19
110mm OD	5	34	17
115mm OD	5	32	16
125mm OD	5	30	15
140mm OD	5	28	14
150mm OD	5	26	13
160mm OD	5	24	12
170mm OD	5	22	11
180mm OD	5	22	11
190mm OD	5	20	10
200mm OD	5	20	10
250mm OD	5	14	7
300mm OD	5	12	6
400mm OD	5	10	5
500mm OD	5	8	4
10 Lin Mts run	**3**	32 lin mts per 310ml	
10 Lin Mts run	**5**	12 lin mts per 310ml	
10 Lin Mts run	**8**	6 lin mts per 310ml	

All data is for guidance only we recommend to add extra 10% in number of tubes above to help cover for site wastage and extra usage on site . …..