



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

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

FIRE PILLOW Fire Rated range

DATA SHEET 10201

Description

The **Firesure®** Pillow Range is a range of different sized coated glass cloth bags filled with a blend of durable intumescent and inert fillers removable but offer full fire compartmentation, offering solutions to two main areas where the product needs to be used. They are designed to be installed around services that are penetrating fire resistant walls to provide either a temporary or permanent fire seal of up to 120 minutes for FPC/SGP and up to 240 minutes for FPC/TRP. The two types are for cables and pipes through wall apertures and secondly for use in trunking where it penetrates a wall .

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

Typical applications

Type; FPC/SGP are for sealing around services in complex penetrations in medium to large openings in fire resisting flexible and masonry walls made to be flexible.

Type; FPC/TRP are for sealing inside metal trunking when passing through fire resisting flexible and masonry walls meeting 18th edition IET regulations made more square.

Independently tested to EN 1366-3: 2009 providing up to two hours fire resistance with Fire Classification to EN 13501-2

Dry system: no requirement for sealants, coatings, etc.

Non-toxic, low smoke, mould-resistant halogen-free, zero VOC

Pillows are self supporting and are friction fitted by compression and stacking or in trunking loose laid to fill min 70% of area to allow for cables. (if cables fill more than 50% of trunking then product SA/IFSU must be used)

Can be used in areas max temp 90°C and below 0°C

FPC/STP Mechanical & durability testing EAD 350454-00-1104

A wide range of sizes are available to suit most applications

Cost effective and flexible fitting and reusable product range

Trunking pillows are for metal solid sided trunking and plastic were fitted through a solid wall only if plastic through a partition then UFS SLEEVES MUST BE USED

Will last lifetime of ceiling without performance failure undamaged





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Below are standard sizes generally stocked as marked any other sizes are made to order

Product Reference	Nominal sizes (mm)	Per box	Guidance only dependant on volume free No per m2	Fire Rating Max use dependant
FPC/SGP/330/50/20	330 x 50 x 20	25	As needed smaller appetures	120
FPC/SGP/330/200/25	330 x 200 x 25	20	180	120
FPC/SGP/330/200/45	330 x 200 x 45	20	115	120
FPC/SGP/300/50/35	300 x 50 x 35	25	As needed smaller appetures	120
FPC/SGP/300/100/35	300 x 100 x 35	20	292	120
FPC/SGP/300/150/35	300 x 150 x 35	20	198	120
FPC/SGP/300/200/35	300 x 200 x 35	20	148	120
FPC/SGP/225/225/80	225 x 225 x 80	10	58	120
FPC/SGP/300/300/80	300 x 300 x 80	10	45	120

Product Reference	Pillow Nominal sizes (mm)	Per box	Solid sided Trunking size Pillows will fit in Must be min 70% of volume (mm) nominal sizes	Fire Rating Max use dependant
FPC/TRP/100/50/35	100 x 50 x 35	30	50 x 50	240
FPC/TRP/100/75/35	100 x 75 x 35	20	75 x 50	240
FPC/TRP/100/75/50	100 x 75 x 50	20	75 x 75	240
FPC/TRP/100/100/35	100 x 100 x 35	20	100 x 50	240
FPC/TRP/100/100/50	100 x 100 x 50	20	100 x 75	240
FPC/TRP/100/100/70	100 x 100 x 70	20	100 x 100	240
FPC/TRP/100/150/35	100 x 150 x 35	20	150 x 50	240
FPC/TRP/100/150/50	100 x 150 x 50	20	150 x 75	240
FPC/TRP/100/150/70	100 x 150 x 70	20	150 x 100	240
FPC/TRP/100/150/110	100 x 150 x 110	20	150 x 150	240

OTHER SIZES TO SUIT SMALLER OR LARGER OR SPECIAL SIZES MADE TO ORDER POA

Application - Installation Instructions Caution—It is advised to wear gloves on site

Firstly ensure that you have correct number of pillows for application

Secondly check you have the correct type of pillow for the application

Thirdly remember the trunking pillows have a fixing cord ensure its secured to trunking to prevent removal

TAKE CARE NOT TO PUNCTURE OR CUT PILLOWS WHILE INSTALLING if damaged always replace pillows

This product should be fitted as instructions. 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.