



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 & Acoustic Gaskets Range for socket/switch boxes & ceilings**

### **Description**

The **Firesure®** gasket intumescent range is designed for and suitable for use with both metal and plastic socket and switch boxes as well as ceiling roses and Besa boxes, through stud partitioning and masonry walls giving up to 120 minutes fire protection. Supplied pre made to be easily fitted or can be retrofitted on existing fittings. 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 .

### **Data Sheet 10001/A**

### **Features and Benefits**

One product covers both fire and acoustic requirements

**Robust detail** fully approved as **Robust detail** letter confirmation in timber frame and metal stud frame walling applications

Fire Tested up to 2 hours to principles of BS EN 1363-1, BS EN 1366-3, BS476: part 20 & BS467: part 22

Acoustically tested back to back achieved 64dB

Tested in stud walls boxes set behind plasterboard skin

Tested on more onerous stud walls without insulation

Tested back to back metal boxes

Plastic boxes fire rating exceeds 1 hour achieved at 4mm

Metal boxes fire rating exceeds 2 hours achieved at 1.8mm & 4mm

Suitable for insulated and non-insulated partitions

Fitted before box fixed into structure or can also be retrofitted

Unaffected by water/moisture and rot proof.

Cost effective, Easy to install, Maintenance free, Available in all standard and none standard sizes

Made from high performing **Firesure®** intumescent core material

4mm uses FR grade PVC Facing material

Self adhesive Taped back for simple fixing

Being a Passive product once fitted is warranted undamaged for the life time of the structure thus are most cost effect fire protection solutions on sale

Passive fire products only react when a fire occurs and will not cause damage or carry an environmental impact in use



Fitted behind plasterboard before and after test.





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## Fire & Acoustic Gaskets Range for socket/switch boxes & ceilings

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

Product Code	Nominal sizes (mm)	Recommended use	Firesure™	Fire Rating
Gasket/SBS18	67 x 67 x 1.8	Metal box	Single gang socket/switch	≥ 1-2 hours
Gasket/DBS18	126 x 67 x 1.8	Metal box	Double gang socket/switch	≥ 1-2 hours
Gasket-AF-S1G	67 x 67 x 4.0	Metal or plastic box	Single gang socket/switch	≥ 1-2 hours
Gasket-AF-T2G	126 x 67 x 4.0	Metal or plastic box	Double gang socket/switch	≥ 1-2 hours
Gasket-AF-ALARM-box	50 X 50 x 1.8	Metal box	Alarm boxes	≥ 1-2 hours
BESABOX/60	60 Dia x 1.9	Metal or plastic box	Besa boxes	≥ 1-2 hours
BESABOX/70	68 Dia x 1.8	box	Besa boxes	≥ 1-2 hours
Gasket-AF-CR-100	100 Dia x 1.8	box	Ceiling Rose	≥ 1-2 hours

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

The **Firesure®** intumescent GASKET comes with a self-adhesive backing and a FR grades pvc the facing is applied to the graphite based intumescent to protect from damage occurring on 4mm gasket, care must be taken to avoid damage to this layer

The gaskets can be fixed before the box is fitted or after, and can even be retro fitted to existing boxes were upgrading is required

The Gaskets require no mechanically fixings

To install,  
 Firstly check that the gasket will fit into the box.

Secondly remove the backing tape from self adhesive layer

Thirdly Press firmly into the back of the box, if there is an earth terminal simple nick/cut and fold gasket clear.

If retrofitting and were cables enter the box mark and cut out so the gasket can be fitted round them. When retrofitting if there are gaps were cables enter the box or unused holes or gaps it is good practise to use **Firesure®** Intumescent Mastic to ensure acoustic fire integrity is maintained & achieved



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.