

TENMAT **FIREFLY 108** CABLE BASKET FIRE SLEEVES



The use of Cable Trays and Cable Baskets is on the increase as the amount of cabling within buildings continues to grow.

Cables are routed through a wide variety of building types including hospitals, apartments and hotels.

All buildings have walls and floors with fire and acoustic ratings. When cables are installed through such constructions their integrity and ability to perform to the required fire and acoustic standards are significantly reduced.

TENMAT as part of its continuing development of passive fire protection solutions, has developed a range of **FIREFLY 108 Cable Basket Fire Sleeves**.

The Cable Basket Fire Sleeves offer a quick and simple way to maintain the fire and acoustic ratings of cable basket penetrations.



Cable Basket Fire Sleeves Installed On-Site

Key Features & Customer Benefits

- **2-Hour Fire Rated**
- **Acoustically Rated**
- **Simple and quick to install**
- **No Metal Sleeving required**
- **Sleeve can be fitted prior to running cables**
- **No mastic, screws or supports required**
- **Available to fit all common cable tray and basket sizes**
- **Suitable for use through a wide range of walls and floors**
- **Cost effective**



Cable Basket Fire Sleeve Installed in Partition

TEST DATA

FIREFLY 108 Cable Basket Fire Sleeves are approved for the following:

Fire Testing

The Fire Sleeves were tested to BS 476: Part 20
Constructions covered—Plasterboard Partition, Solid Walls and Floors

Duration of effective protection: 120 minutes

Assessment No: Chilt/03187 Rev D / Chiltern Int. Fire

Acoustic Testing

The Cable Basket Sleeves were acoustically tested in a plasterboard partition system under UKAS conditions in accordance with BS EN ISO 140-3:1995 and BS EN ISO 717-1:1997

Test Report No: 239037

FF108 CABLE BASKET FIRE SLEEVES

The **FIREFLY 108 Cable Basket Fire Sleeves** are a unique range of products designed to speed up and simplify the firestopping of cable trays or baskets.

The compressible and fully intumescent material provides an effective fire and acoustic seal around both the cables and the cable basket itself.

The Cable Basket Fire Sleeves are supplied in a standard length to suit all common wall constructions. The ready to install design does not require any additional metal work, support, fire rated sealants or foams.

Sizes Available

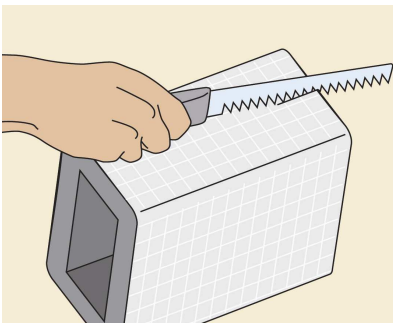
Cable Basket Fire Sleeves are available to suit all common sizes of Cable Tray or Cable Basket widths ranging from 50 mm up to 450 mm and for heights up to 54 mm.

For alternative sizes please contact TENMAT.

Fitting Instructions

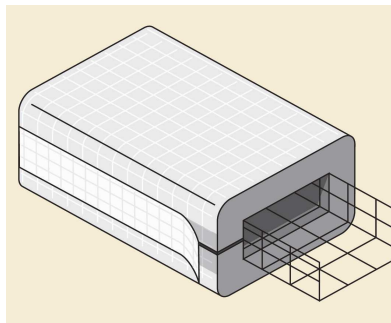
STEP ONE

Slit the sleeve along its length to allow easy installation around cable tray or basket



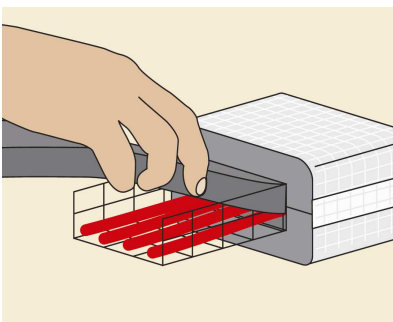
STEP TWO

Fit sleeve around tray or basket and re-seal with aluminium repair tape supplied



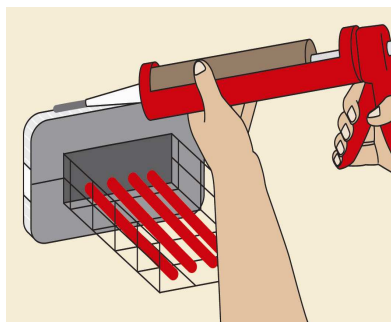
STEP THREE

Once cables have been installed they should be tightly sealed with TENMAT Infill Material



STEP FOUR

If required, an intumescent sealant can be used to ensure a smoke and acoustic seal



TENMAT is a leading manufacturer of Fire Protection products and solutions, with almost 100 years experience of providing specialist non-metallic materials that offer advanced fire-stopping capabilities.

From our headquarters in Trafford Park, Manchester, and world-wide subsidiaries in France, Germany, Italy and USA, we supply a wide range of products for use in highly demanding applications within the construction and transportation industries.

Renowned in the fire protection industry as an innovative development company, TENMAT'S wide range of high performance products and solutions meet the latest quality standards worldwide.

TENMAT's fire protection products are protected by patents

NB. Fire Sleeve must protrude a minimum 10 mm either side of wall or floor

Agent / Distributor

For more information on the range of TENMAT Fire Protection Products please contact:

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