



Cable Basket Fire Sleeve

Product Description

Tenmat's 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 Sleeves have been fire tested to BS 476: Part 20 and acoustically tested in accordance with BS EN ISO 140-3:1995 and BS EN ISO 717-1:1997.

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.

Product Details

- Fire Rated and approved for up to 120 minutes to BS 476: Part 20 in masonry walls, plasterboard partitions and Coated Fire Batts
- Acoustically Tested to BS EN ISO 140-3: 1995 and BS EN ISO 717-1: 1997
- Can be retro fitted to existing cable baskets
- Provides firestopping around and within cable basket and cables without the need for additional sealants
- Available to suit 75-450mm cable baskets
- Compressible material offers accommodation for deflection
- No metal sleeving or boxing out required

Sizes

To Suit Cable Basket Size	Nominal Thickness	Nominal External Width/ Diameter	External Height	Length
75 x 54 mm	25-30 mm	145mm	114 mm	180mm
100 x 54 mm	25-30 mm	170mm	114 mm	180mm
150 x 54 mm	25-30 mm	220mm	114 mm	180mm
200 x 54 mm	25-30 mm	272mm	114 mm	180mm
250 x 54 mm	25-30 mm	324mm	114 mm	180mm
300 x 54 mm	25-30 mm	374mm	114 mm	180mm
400 x 54 mm	25-30 mm	478mm	114 mm	180mm
450 x 54 mm	25-30 mm	528mm	114 mm	180mm
Infill Sheet	20mm	180mm	N/A	1000mm

Fitting Instructions

- Use the Fire Sleeve as a template when cutting the wall construction (e.g. plasterboard, fire batt) to provide a snug fit around the Fire Sleeve
- Slit the sleeve along its length to allow easy installation around cable tray or basket
- Fit sleeve around tray or basket and re-seal with aluminium repair tape supplied
- Once cables have been installed they should be tightly sealed with Tenmat Infill material to ensure no gaps remain
- If required, an intumescent sealant can be used to ensure a smoke and acoustic seal
- Installation in solid walls is also approved

Storage & Durability

Storage	Dry, ambient
Transportation storage temperature	-20°C to +70°C
Working Life	48 years
Smoke/Halogen Content	Low Smoke / Zero Halogen



Cable Basket Fire Sleeve

Tenmat Ltd
Ashburton Rd West, Manchester
M17 1TD United Kingdom

+44 161 872 2181
fpsales@tenmat.com

tenmat.com



Advanced materials.
tenmat.com

Tenmat warrants the materials it produces will conform to Tenmat specifications and approved drawings where applicable. It is entirely the customer's responsibility to make the final product choice and satisfy themselves of the suitability of the product for the intended application, carrying out testing where required. For construction projects, all products which the customer is intending to use on a particular project must be approved in writing by the customer's building designer, system designer or design control professional, to ensure compliance with the latest regulations.

The information contained in Tenmat data sheets is presented in good faith. Tenmat Limited makes passive fire protection product suggestions based solely upon and limited to the information made available to Tenmat. Tenmat possesses knowledge of fire test data and offers manufacturers installation advice. Within reason, Tenmat is skilled at offering opinion concerning the installations in question, and can comment on interfaces with other construction materials, but this is not a recommendation or decision. Decisions on overall building fire strategy are not made by Tenmat. Tenmat products have been tested for a wide range of construction types, and they must be only used in accordance with Tenmat test evidence. Each specific Tenmat product must be installed into a construction that matches the corresponding test report. Tenmat product performance requires safe and proper handling and correct installation. For construction projects, all products which the customer is intending to use on a particular project must be approved in writing by the customer's building designer, system designer or design control professional, to ensure compliance with the latest regulations. Tenmat can provide the relevant fire test evidence on request.