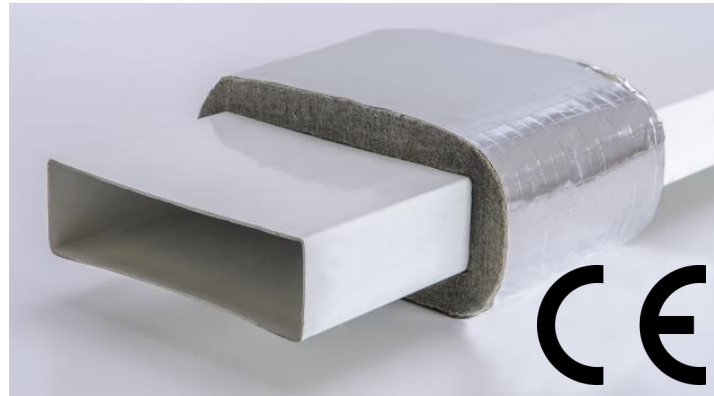


Key Features:

- Up to 120 minutes Fire Rated
- CE Marked
- Can be retrofitted
- No metal sleeving required
- Assessed for installation in walls and floors
- Can accommodate deflection



TENMAT's FF109 CE Marked Vent Duct Fire Sleeves provide 30 minutes, 1 hour, 2 hour and in certain applications up to 4 hours Fire Resistance to rectangular PVC vent duct penetrations, and are suitable for all common sizes of vent duct.

The compressible 25-30mm thick material offers excellent fire performance combined with accommodation for deflection. The Sleeves do not require any additional metal sleeving and are held in place by the plasterboard/batt only. The unique intumescent material is vacuum formed to a shape which ensures controlled sealing of the duct. In addition, the material swells externally to provide a fire and smoke seal around the sleeve.

The Fire Sleeves have been full scale fire tested to EN 1366-3:2009 & BS 476. The EN fire testing included all ducts tested with Uncapped/Uncapped (U/U) duct end configuration as required for ventilation ducts. The European Technical Approval (ETA-12/0332) and EC Certificate 1224-CPR-0341 enables the range to be CE Marked and used through the EU.

Product Dimensions

Thickness (Total Cavity less 44/54* mm Air Gap) x 75 mm x 1000 mm

Duct Size	Nominal Thickness	Nominal External Width/Diameter	Nominal External Height	Length	Fire Rating
204 x 60 mm	25 mm	254 mm	110 mm	180 mm	Up to EI120
220 x 90 mm	30 mm	270 mm	150 mm	180 mm	Up to EI160
110 x 54 mm	25 mm	160 mm	104 mm	180 mm	Up to EI120
234 x 29 mm	25 mm	284 mm	79 mm	180 mm	Up to EI120
308 x 29 mm	25 mm	358 mm	79 mm	180 mm	Up to EI120
100 mm (103 mm)	30 mm	164 mm	-	150 mm	Up to EI120
125 mm (127 mm)	30 mm	190 mm	-	280 mm	Up to EI120
150 mm (155 mm)	35 mm	222 mm	-	180 mm	Up to EI120

All dimensions given are nominal. To ensure required friction fit within the substrate, the Sleeve should be measured on site before cutting holes.

General Fitting Instructions

For detailed fitting instructions for various applications please contact **TENMAT**.