

Key Features:

- 120 Minutes Fire Rated
- Low profile
- Can be retrofitted
- One Product Solution—suits wide range of insulation types, pipe materials, and diameters
- No cut back of insulation—maintains vapour seal



The **TENMAT** *FIREFLY* OverSleeve is a universal, one-product-fits-all solution for the firestopping of insulated metal pipes. The thin and flexible intumescent is quickly and simply wrapped directly on top of pipe insulation without the need to cut back, ensuring that thermal and vapour seal performance is maintained. The red branded foil can be easily checked and identified on site to confirm that firestopping is in place.

The unique *FIREFLY* intumescent material rapidly expands to crush and seal off the insulation to provide up to 120 minutes fire resistance to pipes ranging from 15mm up to 219mm diameter.

Product Dimensions

Length	Width	Thickness	Contents of Pack as Supplied
1000 mm	180 mm	3 mm	5 metre strips, plus repair tape

General Fitting Instructions

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



- The *FIREFLY* OverSleeve can be retrofitted over insulated metal pipes.
- Cut the *FIREFLY* OverSleeve to the correct length for the pipe diameter, and wrap around pipe.
- Seal edges together using repair tape provided. Ensure no gap between meeting edges of OverSleeve.
- Slide *FIREFLY* OverSleeve into place.
- Seal around the *FIREFLY* OverSleeve at the wall, using intumescent acrylic sealant.
- *FIREFLY* OverSleeve must protrude by min. 25 mm in partitions/solid walls, and 60 mm in ablative coated fire batts.

Examples of Approved Applications

BS EN 1363-1: 1999 and BS EN 1366-3: 2009 Fire Tested

- Copper and Steel Pipes
- Phenolic Foam or Glass Mineral Wool Insulated Pipes
- Pipe sizes ranging 15 mm—219 mm
- Insulation thickness 15 mm—50 mm
- Suitable for Drywall/Plasterboard Partitions, Ablative Coated Fire Batts and Solid Walls



Fire Test Data

For further details please contact **TENMAT**.

Pipe Type	Pipe Diameter (mm)	Pipe Wall Thickness	Insulation Type	Insulation Thickness	Fire Rating		Wall Type
					Integrity (mins)	Insulation (mins)	
Copper/Steel	15	1.0-14.2	Phenolic Foam	15-40mm	120	120	Partition/Solid Wall
Copper/Steel	15-42	1.2-14.2	Phenolic Foam	20-40mm	120	120	Partition/Solid Wall
Copper/Steel	42-67	1.2-14.2	Phenolic Foam	20mm	120	60	Partition/Solid Wall
Copper/Steel	42-108	1.2-14.2	Phenolic Foam	40mm	120	90	Partition/Solid Wall
Copper/Steel	42-108	1.2-14.2	Phenolic Foam	25-40mm	120	60	Partition/Solid Wall
Steel	108-165	5-14.2	Phenolic Foam	40mm	120	90	Partition/Solid Wall
Steel	108-165	5-14.2	Phenolic Foam	25-40mm	120	60	Partition/Solid Wall
Steel	165-219	6.35-14.2	Phenolic Foam	25mm	120	60	Partition/Solid Wall
Steel	165-219	6.35-14.2	Phenolic Foam	25-50mm	90	90	Partition/Solid Wall
Copper/Steel	15	1.0-14.2	Glass Mineral Wool	20-30mm	120	120	Partition/Solid Wall
Copper/Steel	15-42	1.2-14.2	Glass Mineral Wool	25-50mm	120	90	Partition/Solid Wall
Copper/Steel	15-42	1.2-14.2	Glass Mineral Wool	50mm	120	120	Partition/Solid Wall
Copper/Steel	42-67	1.2-14.2	Glass Mineral Wool	25mm	120	60	Partition/Solid Wall
Copper/Steel	15	1.0-14.2	Phenolic Foam	15mm	120	45	Ablative Fire Batt
Copper/Steel	15-42	1.2-14.2	Phenolic Foam	15-20mm	120	45	Ablative Fire Batt
Copper/Steel	15-42	1.2-14.2	Phenolic Foam	20-40mm	90	45	Ablative Fire Batt
Copper/Steel	42-67	1.2-14.2	Phenolic Foam	20mm	90	45	Ablative Fire Batt
Copper/Steel	15-108	1.2-14.2	Phenolic Foam	20-40mm	60	45	Ablative Fire Batt