

## Fire protection for metal pipe penetrations

**AF PIPEGUARD** is a special sleeve to be applied on the unexposed side of uninsulated bare metal and aluminium pipe penetrations and busbars. The product prevents a fire caused through the ignition created by the hot metal in the penetration passing from one compartment to another. The application of **AF PIPEGUARD** maintains the temperature on the unexposed side of the compartment at significantly low levels (< 180°C).

**AF PIPEGUARD** is made of a glass wool mat quilted between two glass fabrics - the external fabric is aluminised, the internal fabric is coated with an ablative painting product.

### CHARACTERISTICS

Insulating product weight:	100 kg/m <sup>3</sup> ;
Average thickness:	7 mm ± 10%;
Width:	240 mm;
Length:	5000 mm;
Non combustibility of the insulation:	Class A1L.

### APPLICATION METHOD

1. Measure the metal pipe circumference;
2. Cut to size needed to completely cover the pipe;
3. Wrap the metal pipe with **AF PIPEGUARD** and join the edges making sure that the product adheres to the floor or wall;
4. Secure the product with a steel wire;
5. Repeat the operation, if necessary.

### PACKAGING AND STORAGE

Rolls of 5m in cardboard boxes

**AF PIPEGUARD** has no storage requirements when stored indoors protected from humidity and direct exposure to weather.

### SPECIFICATIONS

Supply and application of EI 120/180 class protection for bare metal pipe penetrations with a maximum diameter of 300 mm consisting of a mat made of **AF PIPEGUARD** aluminised glass wool felt which has been treated with special ablative compounds to maintain temperatures below the threshold required by EN 1366-3 standard.

### CERTIFICATIONS

- Class EI 120 (UNI EN 1366-3) on concrete floors
- Class EI 180 (UNI EN 1366-3) on concrete floors
- Class EI 120 (UNI EN 1366-3) on plasterboard walls
- Class EI 120 (UNI EN 1366-3) on gasbeton walls
- Class EI 180 (UNI EN 1366-3) on gasbeton walls
- Class EI 120 (UNI EN 1366-3) on sandwich walls

