



## Fireproof sleeve for electrical and mechanical system penetrations

### DESCRIPTION

**AF SLEEVE** is an intumescent sleeve certified under EN 1366-3 for **up to EI 240** sealing of penetrations of combustible pipes, cable bundles and metal pipe penetrations with combustible and non-combustible insulations, in walls and floors. Made of a material with a high thermal-expanding capacity, AF SLEEVE seals pass-through services by filling the gap left by combustible pipe collapse or insulation melting. The product's reduced thickness enable its application around the pipe directly inside the structure.

### DIRECT APPLICATION

Electrical cable bundles including corrugated pipes  
Combustible pipes

Metal pipes with insulation  
Multilayer pipes including bundles

### FEATURES

Roll size: 10000x50x4 mm  
 Preformed dimensions: diameters from 30 to 200 mm  
 Free expansion: >20:1  
 Activation temperature: ± 180°C  
 Pressure generated: 10 Bar

### PREFORMED AF SLEEVE/ROLL CORRESPONDENCE

Pipe diameter (mm)	Sleeve length (mm)	Number of windings	Pipe diameter (mm)	Sleeve length (mm)	Number of windings
30	240	2	100	680	2
40	310	2	110	750	2
50	380	2	125	1310	3
63	460	2	140	1450	3
75	550	2	160	1640	3
80	560	2	200	2700	4
90	620	2			

### PACKAGING AND STORAGE

Cardboard boxes  
 The product remains unaltered if stored in a closed environment away from humidity and direct exposure to atmospheric agents.

### APPLICATION METHOD

1. Wrap AF SLEEVE around the penetration to be protected (check the application data sheets for the winding numbers needed);
2. Fix AF SLEEVE with adhesive tape at the penetration;
3. So that it is inserted flush with the sealing consisting of a double **AF PANEL** glued and sealed with **AF SEAL W**.

### SPECIFICATION

Supply and application of **AF SLEEVE** intumescent sleeve, which has an expansive capacity of more than 20 times the initial volume, for up to EI 240 of combustible pipes, cable bundles, corrugated pipe bundles, multilayer and metal pipes with wall and floor insulation. The system is certified for use in combination with **AF PANEL** rock wool panels.

### CERTIFICATIONS

Class EI 240 (UNI EN 1366-3)	<i>rigid floor</i>	Class EI 120 (UNI EN 1366-3)	<i>self-supporting wall</i>
Class EI 240 (UNI EN 1366-3)	<i>rigid wall</i>	Class EI 120 (UNI EN 1366-3)	<i>sandwich wall</i>
Class EI 120 (UNI EN 1366-3)	<i>Xlam floor</i>	Class EI 120 (UNI EN 1366-3)	<i>Xlam wall</i>
Class EI 120 (UNI EN 1366-3)	<i>plasterboard wall</i>	Class EI 120 (UNI EN 1366-3)	<i>membrane false-ceiling</i>