

AF MULTICOLLAR



Firestop collar roll for mechanical and electrical installation penetrations



DESCRIPTION

AF MULTICOLLAR is a modular firestop collar certified under EN 1366-3 for **up to EI 240** sealing of mechanical and electrical system penetrations in walls and floors.

The external stainless steel structure can be applied in humid environments while the intumescent strip with high expansive capacity can secure large elements.

AF MULTICOLLAR can be cut to size directly on site and is an ideal solution when there is lack of complete information on the exact conditions.

DIRECT APPLICATION

Electrical cable bundles including corrugated pipes
Including bundled combustible pipes
Multilayer pipes including bundles

Metal pipes with insulation
Mixed penetrations

FEATURES

Metal band size: 3000x50 mm
Intumescent sleeve size: 8600x50x4 mm
Diameters achievable: from 30 to 315 mm
Free expansion: >20:1
Activation temperature: ± 180°C

PACKAGING AND STORAGE

Cardboard boxes containing: metal foil, intumescent sleeve, self-tapping screws and tape measure.
The product remains unaltered if stored in a closed environment away from humidity and direct exposure to atmospheric agents.

APPLICATION METHOD

1. Measure the diameter of the pipe to be protected and cut the foil and sleeve according to the table below;
2. Wrap the sleeve on the pipe to be protected and fix it with normal adhesive tape;
3. Wrap the metal foil around the sleeve overlapping the ends by at least 30 mm, then fix with the self-tapping screws provided (at least two per collar);
4. Secure the collar using self-tapping screws or metal expansion plugs depending on the structure.

Pipe diameter (mm)	Foil length (mm)	Sleeve length (mm)	Number of windings	Number of collars obtainable	Pipe diameter (mm)	Foil length (mm)	Sleeve length (mm)	Number of windings	Number of collars obtainable
30	205	240	2	14	110	440	750	2	6
40	235	310	2	12	125	520	1310	3	5
50	250	380	2	11	140	570	1450	3	5
63	300	460	2	10	160	630	1640	3	4
80	350	560	2	8	200	805	3500	5	2
90	380	620	2	7	250	960	4300	5	2
100	410	680	2	7	315	1200	6430	6	1

SPECIFICATION

Supply and application of AF MULTICOLLAR firestop collars, consisting of a stainless steel element to be cut to the pipe diameter and "Firefill" intumescent material, for up to EI 240 protection of penetrations of standard and silent combustible pipes, bare or bundled multilayer pipes, bundles of corrugated pipes with electrical cables and non-combustible pipes with elastomeric wall and floor insulation and a structure consisting of a **AF PANEL** rock wool double panel and **AF BRICK** fireproof bricks. The product is certified under EN 1366-3 including non-conventional structures such as sandwich and self-supporting walls, Xlam walls/floors, and composite and membrane false ceilings.

CERTIFICATIONS

Class EI 240 (UNI EN 1366-3)	<i>rigid floor</i>	Class EI 120 (UNI EN 1366-3)	<i>sandwich wall</i>
Class EI 240 (UNI EN 1366-3)	<i>rigid wall</i>	Class EI 120 (UNI EN 1366-3)	<i>Xlam wall</i>
Class EI 120 (UNI EN 1366-3)	<i>Xlam floor</i>	Class REI 120 (UNI EN 1365-2)	<i>fibre false ceiling</i>
Class EI 120 (UNI EN 1366-3)	<i>plasterboard wall</i>	Class EI 120 (UNI EN 1366-3)	<i>membrane false-ceiling</i>
Class EI 120 (UNI EN 1366-3)	<i>self-supporting wall</i>		

