

## Firestop collars for combustible pipe penetrations

**AF COLLAR** is EI 120/EI 180 fire protection which secures wall and floor combustible pipes for sanitary, rainwater, vent, insulated, multilayer, corrugated, plastic pipes, also when bundled together and which contain electrical cables.

**AF COLLAR** is a cylindrical stainless-steel element, containing one or more layers of intumescent material with high thermo-expansion power that allows complete internal space sealing when heated. During a fire, the tube deforms due to the heat and progressively burns while the intumescent part of the collar expands until it occupies the entire internal space, ensuring resistance to smoke and flames.

### CHARACTERISTICS

Appearance:	stainless steel collars with intumescent stripes;
Colour:	polished steel;
Available sizes:	from 30 to 600 mm; height from 30 to 200 mm;
Free expansion:	>20:1 ;
Activation temperature:	± 180° C.

### APPLICATION METHOD:

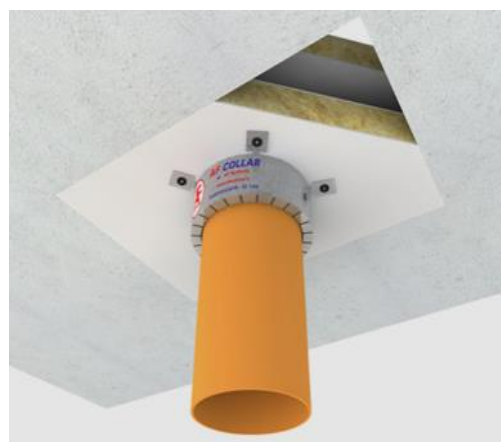
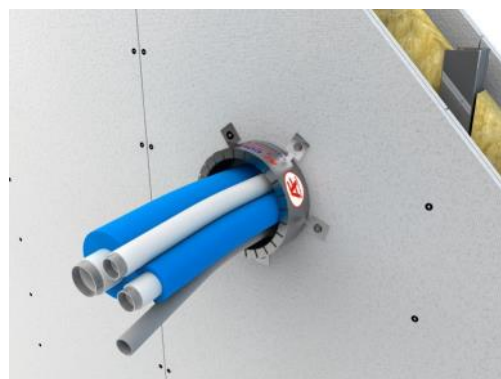
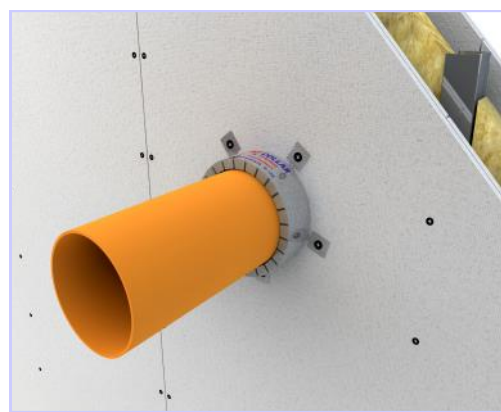
1. open the collar and place it around the pipe;
2. close the collar by using the locking tab;
3. place the collar so that it can adhere to the wall/floor;
4. if applied to floors and concrete walls, secure with metal plugs (8x60 mm);
5. if applied on plasterboard walls use self-tapping metal screws.

### APPLICATIONS

**AF COLLAR** has been tested on:

- combustible ordinary and multi-layer pipes (PVC, PP, PE);
- combustible pipes with a maximum inclination of 45°;
- to protect combustible pipe bundles using a single collar, including multi-layer, corrugated or non-corrugated pipes or those containing electrical cables;
- insulated metal pipes coated with aluminium cupels;
- combustible pipes passing through false ceilings;
- insulated metal pipes passing through false ceilings;
- for double **AF PANEL** applications.

**AF COLLAR** is certified for wall applications on the fire-exposed side or on both sides depending on the application.



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Internal diameter	h mm	Number of fixing points
30	30/50	4
40	30/50	4
50	30/50	4
63	30/50	4
80	30/50	4
90	30/50	4
100	30/50	4
110	30/50	4
125	70	5
140	70	5
160	70	5
200	100	5
250	100	5
315	200	5
400*	150	8
500*	200	8
600*	200	8

\*AF COLLAR C 400, C500 and C 600

### PACKAGING AND STORAGE

#### Cardboard boxes.

If the product is stored under standard conditions, there is no storage time limit.

### SPECIFICATIONS

Supply and application of the **AF COLLAR** firestop collars. **AF COLLAR** firestop collars have a stainless-steel circular structure which contains Firefill intumescent material for EI 120/EI 180 protection of wall and floor penetrations of combustible pipes, combustible pipes with electrical cables and insulated non-combustible pipes. The diameter will be chosen depending on the installation.

### CERTIFICATIONS

Class EI 180	(UNI EN 1366-3)	Lightweight concrete floor
Class EI 120	(UNI EN 1366-3)	Gasbeton wall
Class EI 120	(UNI EN 1366-3)	Plasterboard wall
Class EI 120	(UNI EN 1366-3)	Plasterboard self-supporting wall
Class EI 120	(UNI EN 1366-3)	Sandwich wall
Class REI 120	(UNI EN 1365-2)	Fibre false ceiling

