



# AF COLLAR

## Intumescent Pipe Collars

Technical Data Sheet

### DESCRIPTION

AF Collars are conceived to maintain the fire resistance of compartment walls and floors where penetrated by plastic pvc pipes

An intumescent stainless steel collar that fits around a plastic pipe and forms an independent fire barrier. When exposed to a fire the internal intumescent material ( free expansion rate 1 :20) will expand and fill the empty space left by the collapsing pipe.

Suitable for both wall and floor penetrations.

Recommended for plastic pipes and plastic trunking up to 315 mm in diameter. Not suitable for metal and cast iron pipes.

The collar can be fitted outside and secured in place using steel anchors.



### ADVANTAGES

Easy to install or retro-fit.

2 - 3 Hour Fire Rating (REI 120/ REI 180)

Suitable for hollow partitions

High quality finish (stainless steel).

Maintenance free

### DIMENSIONS

Suitable for plastic pipes outer dia (max315.mm):

| SIZE    | Codes REI 120 | Codes REI 180 |
|---------|---------------|---------------|
| mm. 30  | G01M          | //            |
| mm. 40  | G01A          | G02A          |
| mm. 50  | G01B          | G02B          |
| mm. 63  | G01C          | G02C          |
| mm. 80  | G01D          | G02D          |
| mm. 90  | G01E          | G02E          |
| mm. 110 | G01F          | G02F          |
| mm. 125 | G01G          | G02G          |
| mm 140  | G01N          | G02N          |
| mm. 160 | G01H          | G02H          |
| mm. 200 | G01I          | G02I          |
| mm. 250 | G01L          | G02L          |
| mm. 315 |               | G02P          |

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## INSTALLATION

The collar should be fitted around the pipe using the clip to close it firmly.

The collar should then be slid into place ensuring the face plate is flush to the surface.

Secure in place using 6 or 8mm length stud anchors in case of a concrete wall .

If necessary any void around the outside should be filled using **AF sealants**.



## STORAGE

Store the product indoors

## STANDARDS

Certificates: Istituto Giordano n° 93513/1456RF REI 120

Certificates: Istituto Giordano n° 107053/1641RF REI 120

Certificates: Istituto Giordano n° 143143/2161RF REI 180

Certificates: Istituto Giordano n° 154829/2309RF REI 120 (a solaio)

Certificates: Istituto Giordano n° 184044/2633RF REI 180 (a solaio)

Certificates: Istituto Giordano n° 222933/2921FR REI 120 (parete in cartongesso)

Certificates: Istituto Giordano n° 230362/3003FR REI 180

## PACKAGING

Different sizes paper boxes

## WARNINGS

No particular attention

Updated: May 09