

PFC Corofil Intumescent Firestop Collars



Application

PFC Corofil Intumescent Firestop Collars provide a fire seal to plastic pipes that penetrate fire resisting constructions. The firestop collar is placed around the pipe and fastened using the steel clasp. Each of the lugs is screwed to the surface of the substrate.

General benefits:

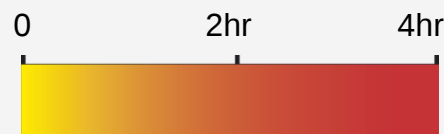
- Available to suit pipe sizes ranging from 32mm to 200mm outer diameter
- Suitable for up to 120 minutes in relevant plasterboard partitions
- Suitable for 120 and 240 minute applications in concrete, block and masonry and PFC Corofil Firestop Compound walls and floors.

Description

PFC Corofil Intumescent Firestop Collars consist of a powder coated steel sleeve containing a flexible graphite based intumescent liner manufactured to suit the diameter of pipework to be fire stopped.

FIRE RATINGS

Tested to
BS 476:Part 20:1987
EN:1366-3:2004



Fire Rating

TECHNICAL INFORMATION

Available from our technical sales office.

Email tech@pfc-corofil.com for:

- Safety Data Sheet (SDCOLL)
- Installation Instructions (MSCOLL)



Certificate number: FS453/07



P12 43



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Fire rating when installed as a seal to pipe penetrations through a Block, masonry or concrete wall (Please see tables overleaf for approved pipe material and wall thicknesses)

Pipe diameter (mm)	Pipe Material									
	PVC		MuPVC		HDPE		PP		ABS	
	Performance Integrity/Insulation (minutes)									
32	120/120	N/A	120/120	N/A	120/120	N/A	120/120	N/A	120/120	N/A
38-40	120/120	N/A	120/120	N/A	120/120	N/A	120/120	N/A	120/120	N/A
43	120/120	N/A	120/120	N/A	120/120	N/A	120/120	N/A	120/120	N/A
55	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240
63	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240
75	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240
82	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240
90	120/120	N/A	120/120	N/A	120/120	N/A	120/120	N/A	N/A	N/A
110	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240	N/A	N/A
125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
160	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240	N/A	N/A
200	120/120	240/240	120/120	N/A	120/120	240/240	120/120	N/A	N/A	N/A

Fire rating when installed as a seal to pipe penetrations through a plasterboard

Partition (please see tables overleaf for approved pipe material and wall thicknesses)

Pipe diameter (mm)	Pipe Material				
	PVC	MuPVC	HDPE	PP	ABS
	Performance Integrity/Insulation (minutes)				
32	120/120	120/120	120/120	120/120	120/120
38-40	120/120	120/120	120/120	120/120	120/120
43	120/120	120/120	120/120	120/120	120/120
55	120/120	120/120	120/120	120/120	120/120
63	120/120	120/120	120/120	120/120	120/120
75	120/120	120/120	120/120	120/120	120/120
82	120/120	120/120	120/120	120/120	120/120
90	120/120	120/120	120/120	120/120	N/A
110	120/120	120/120	120/120	120/120	N/A
125	N/A	N/A	N/A	N/A	N/A
160	120/120	120/120	120/120	120/120	N/A
200	120/120	120/120	120/120	120/120	N/A

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Fire rating when applied as a seal to plastic pipes penetrating a concrete

Floor (Please see tables below and overleaf for approved pipe material and wall thicknesses)

Pipe diameter (mm)	Pipe Material									
	PVC		MuPVC		HDPE		PP		ABS	
	Performance Integrity/Insulation (minutes)									
32	120/120	N/A	120/120	240/240	120/120	N/A	120/120	N/A	120/120	N/A
38-40	120/120	N/A	120/120	240/240	120/120	N/A	120/120	N/A	120/120	N/A
43	120/120	N/A	120/120	240/240	120/120	N/A	120/120	N/A	120/120	N/A
55	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240
63	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240
75	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240
82	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240
90	120/120	240/240	120/120	N/A	120/120	N/A	120/120	N/A	N/A	N/A
110	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240	N/A	N/A
125	120/120	240/240	120/120	N/A	120/120	N/A	120/120	N/A	N/A	N/A
160	120/120	240/240	120/120	240/240	120/120	240/240	120/120	240/240	N/A	N/A
200	120/120	240/240	120/120	N/A	120/120	240/240	120/120	N/A	N/A	N/A

Pipe material and wall thickness for pipes only approved for use in concrete floors (Please see separate table on next page for all other pipe sizes)

Pipe Diameter mm	Approved Wall thickness (mm) of pipe					
	PVC		PP		MuPVC	
	Min	Max	Min	Max	Min	Max
30/32	N/A	N/A	N/A	N/A	1.8	2.0
38/40	N/A	N/A	N/A	N/A	1.9	2.1
43	N/A	N/A	N/A	N/A	2.0	2.2
90	3.0	3.5	N/A	N/A	N/A	N/A
125	3.2	3.6	3.5	5.3	N/A	N/A

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Table of approved pipe types and wall thickness (*see separate table for specific sizes relating to concrete floors)

Pipe Diameter (mm)	Approved Wall Thickness (mm)							
	PVC		HDPE		PP		ABS	
	Min	Max	Min	Max	Min	Max	Min	Max
32*	1.8	2.0	3.0	3.4	1.8	2.2	1.8	2.2
40*	1.9	2.1	3.0	3.5	1.9	2.3	1.9	2.3
50	2.0	2.2	3.0	3.5	2.2	2.4	2.0	2.4
55	2.0	3.2	3.0	3.5	2.2	2.4	4.0	4.5
82	3.0	3.45	3.0	3.5	2.6	5.0	N/A	N/A
110	3.2	3.6	4.2	5.0	3.4	5.3	N/A	N/A
160	3.2	3.8	6.2	7.1	4.8	5.3	N/A	N/A
200	6.0	6.0	6.0	6.0	7.0	7.0	N/A	N/A

The table above gives the approved wall thickness for pipe material and size combinations, but only where such pipe materials and sizes are approved. Inclusion of a pipe size, material and diameter in the table above does not necessarily imply approval for use .

PFC Corofil Intumescent Firestop Collars are not suitable for ventilated Pipe applications or composite profile decking.

Please order from our technical sales office.

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