

PPC Collar *Plastic Pipe Collar*

PRODUCT DESCRIPTION

PFP Partners' PPC Collars are made with a durable one-piece powder-coated steel case that contains intumescent strips designed to firestop combustible pipes. In case of a fire, the collar's intumescent strips expand to constrict the combustible pipe.

PPC Collars have been tested and listed as a firestop device for use on ABS, CPVC, PVC and PP piping systems.

PPC Collars have been tested and listed for use in the United States and in Canada.

The PPC Collars are non-hazardous, safe for the environment and does not require special shipping procedures. It does not contain solvents and is VOC compliant.

Meets the green building guidelines for adhesives and sealants as specified by both the US and Canada Green Building Council's LEED (Leadership in Energy and Environmental Design) Green Building Rating Systems.

SECTION CONTENTS	Page No.
General Information	1
Technical Data	1
Installation Guidelines and Suggested Use	2
Ordering Information	2



PPC – Collars

GENERAL APPLICATION AND USES

PPC Collars have been designed specifically to seal through-penetrations of pipes against the spread of fire, smoke, fumes and toxic gases in 1, 2 & 3 hour rated floor and wall assemblies. The PPC Collars have been tested and approved as a firestop device by third party testing agencies; Underwriters Laboratories (UL & ULC) and Intertek Testing Services - Warnock Hersey (WHi) and meets the requirements of ASTM E-814, CAN/ULC S115 (50 Pa pressure differential), & UL 1479.

Refer to UL or WHi respective published Fire Resistance Directories or their websites. PFP Partners recommends that this product be installed by those trained in proper installation procedures (TQ Card) and be able to read and understand a firestop system design listing (i.e. UL and/or WHi listing designs).

PACKAGING

PPC 1.5 - 1-1/2 inch (38 mm)
PPC 2.0 - 2 inch (51 mm)
PPC 3.0 - 3 inch (75 mm)
PPC 4.0 - 4 inch (101 mm)
PPC 6.0 - 6 inch (152 mm)

COLOR

Red

Tested and Classified for use in Fire Rated Assemblies:

- Concrete Floors
- Concrete Walls
- Framed Floors
- Framed Walls

Firestopping Penetration Items:

- ccABS and ABS pipes
- CPVC pipes
- ccPVC & PVC pipes
- FRPP pipes
- Aquatherm PP pipes
- PEX pipes

PRODUCT FEATURES

- Used on vented or closed piping systems
- Easily installed
- Environmental Safe – No harmful components, solvent free and is VOC compliant – LEEDs – California Air Resource Board SCM Districts – Rule 113 – South Coast Air Quality Management Districts (SCAQMD)
- Inert formula will not interact with substrates
- Product is stable over several freeze/thaw cycles; however, care should be taken to not freeze the product
- Product is mold and mildew resistant
- Post-consumer recyclable

TECHNICAL DATA

Base	One piece powder coated steel case	Color	Red
Shelf Life	Not applicable when stored in its original undamaged, unopened packaging (when stored in a cool dry place, 40°F to 90°F (4°C to 32°C)). All items should be warmed to at least 45°F (7°C) prior to installation.	Expansion Material	Intumescent strips with FG backing
In-Service Temperature	40°F to 90°F (4°C to 32°C)	Volume Expansion	1000% (free expansion)
		Intumescent Temperature	302°F (150°C)
		VOC	0 g/L

Disclaimer: All technical advices, recommendations and services rendered by the seller are gratis. They are based on technical data which the seller believes to be reliable and are intended for use by persons having the skills and know how at their own discretion and risk. In no event will the seller be liable for any consequential damages arising out of the use of this product.



INSTALLATION GUIDELINES AND SUGGESTED USE

Application

- Method: Place collar around pipe and lock collar's clasp, then attach collar to substrate with appropriate anchors and washers; fasten all tabs to substrate.
- Number of Collars.
 - Walls: Two Collars - one on each side of wall
 - Floors: One Collar - one on underside of floor
- Caution: Some systems require mineral wool; do not apply sealant to wet mineral wool.. Mineral wool may cause eye, skin or respiratory tract irritation; consult mineral wool manufacturer's MSDS

Installation Preparation

- PPC Collars should be applied to surfaces that are clean and free of dust, dirt and grease.

Health and Safety

- Hand and eye protection is highly recommended, consult the MSDS.

First Aid

- In case of contact with eyes, flush with large amount of water and consult a physician. For skin contact, wash thoroughly with soapy water. Contact a physician if skin irritation develops or persists. Consult the MSDS for additional information.

Special Application

- PPC Collars should not be installed in submerged conditions.

MAINTENANCE

PPC Collars do not require maintenance after installation. If, after installation, the firestop sealant is damaged or cut, repairs should be made with the same sealant. Use only materials approved by through-penetration firestop manufacturer as suitable for repair of original seal. Never mix different manufacturer's firestopping materials.

CHEMICAL COMPATIBILITY

PPC Collars are chemically compatible with all types of plastic pipes listed in the system designs.

STORAGE, HANDLING, TRANSPORTATION

Manufacturer recommends storage temperatures between 40°F to 90°F (4°C to 32°C). Keep product stored in a protected covered area in its original containers. Storage in high heat, high humidity conditions may reduce products shelf life. A stock rotation program is recommended. Transportation temperatures 45°F to 85°F (7°C to 30°C) DO NOT ALLOW TO FREEZE.

WARRANTY

Passive Fire Protection Partners will not accept liability for more than product refund. Any claim regarding product defect must be received in writing within 1 year from date of shipment. Passive Fire Protection Partners makes no other warranty or guarantee, express or implied, including warranties or fitness for a particular purpose or merchantability. The seller shall assume no other liability for incidental or consequential damages arising out of the sale or use of this product.

LIMITATIONS

This product is not designed to be a waterproof seal. Not recommended for continuous submersion or use below the waterline. For best results, store and install above 45°F (7°C). Application of this product is not recommended when frost or moisture is present on the surface to be sealed..

ORDERING INFORMATION

PPC-Collars - Packaging

Cat No.	Size	Color	Units per Case	Units per Skid
C1.5F	For use on nom 1-1/2 inch (38 mm) ID pipe	Red	12	960
C2.0F	For use on nom 2 inch (51 mm) ID pipe	Red	12	960
C3.0F	For use on nom 3 inch (76 mm) ID pipe	Red	12	960
C4.0F	For use on nom 4 inch (102 mm) ID pipe	Red	8	288
C6.0F	For use on nom 6 inch (152 mm) ID pipe	Red	6	216

Disclaimer: All technical advices, recommendations and services rendered by the seller are gratis. They are based on technical data which the seller believes to be reliable and are intended for use by persons having the skills and know how at their own discretion and risk. In no event will the seller be liable for any consequential damages arising out of the use of this product.

