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FLAME TECH FIRESTOP COLLARS

Technical Data Sheet

Product Description:

Flame Tech Firestop Collars are a one-part, ready to use intumescent firestop device for the protection of plastic pipe and conduit penetrations through fire rated floors and walls. Flame Tech Firestop Intumescent Collars consist of a steel collar and intumescent strip. During a fire, the intumescent strip dramatically expands to seal any openings that would otherwise develop as the plastic pipe deteriorates and thereby helps maintain the integrity of the fire separation.

Applications:

- Multi-family and commercial construction
- For use in applications where up to a 3 hour fire rating is required
- Suitable for use on 1.5 in., 2in., 3 in., and 4 in. plastic pipe
- Used for closed and vented plastic pipes
- Good for use with ABS, FRPP, PVC, and CPVC Pipe

Flame Tech Firestop Intumescent Collars are chemically compatible with FlowGuardGold® and Corzan® pipe fittings as well as all PVC, CPVC, ABS, PEX tubing and other applicable tested penetrating items.

*Flowguard Gold, BlazeMaster, and Corzan are licensed trademarks to the Lubrizol Corporation

Standards & Specifications:

Tested to ASTM-E814 / UL1479

Product Features

Tested To ASTM-E814

UL Classified

Intumescent

Up To 3 Hour Fire Rating

Easy Installation





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Application Procedures:

1. Refer to the applicable UL fire test system to ensure site installation details match the design selected. Collar size must match pipe as indicated by table below:

Normal Trade Size	Outside Diameter Of Pipe
1.5 inches	1.9 inches
2 inches	2.38 inches
3 inches	3.5 inches
4 inches	4.5 inches

2. Be sure that the annular space of the penetrations are within the limits set by the UL tested conditions.
3. If specified by UL tested diagram, install Firestop-814+ intumescent sealant as directed.
4. Fit intumescent strip and steel collar over pipe and slide up to and against floor or wall with fastening tabs oriented toward floor or wall. Ends of the intumescent strip should butt together as the collar is closed.
5. Mark fastener locations on floor or wall. Rotate collar and drill holes for fasteners. Rotate collar tab back into position and fit collar locking tab into retainer.
6. Fasten collar to floor or wall with fasteners* at each anchor tab location.

Installation for Floors: Firestop Collars must be installed at the underside of floors.

Installation for Walls: Install one Firestop Collar on each side of the wall.

***Concrete:** Use 1/4" (6mm)x 1 1/4" (32mm) hex washer head type concrete anchors or appropriate steel expansion/wedge anchors.

Gypsum: Use 1/8" (3mm) x 2" (51mm) MOLLY type hollow wall anchors.

Packaging Options:

Part #	Product Description	Case Quantity
CLR-1	1.5" Intumescent Firestop Collar	12 collars/case
CLR-2	2" Intumescent Firestop Collar	12 collars/case
CLR-3	3" Intumescent Firestop Collar	12 collars/case
CLR-4	4" Intumescent Firestop Collar	12 collars/case

* Call for pricing and availability for 6"+ sizes.

Caution:

Though no unusual hazards are known or expected, normal safety procedures should be observed during installation.

KEEP OUT OF REACH OF CHILDREN