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HoldRite HydroFlame™ Pipe Collar Specification Sheet/Drawing

HoldRite HydroFlame™ Pipe Collars are prefabricated for both open and closed through-penetration firestop systems using 1-1/2" (38mm) to 6" (152mm) plastic pipe. An easy interlocking tab assures fast and easy installation. The design of the collar greatly reduces the time and expense that is required to install competitive collars.



Product Information:

- Material Properties:** HydroFlame™ Pipe Collars contain NO Asbestos Fillers, solvents, or hazardous ingredients. Activation of Intumescence: Expansion Begins 375°F (190°C) Expansion Greatest 575°F (302°C) to 1100°F (593°C).
- Application:** HydroFlame™ Pipe Collars are highly intumescent, pre-assembled devices used to prevent the spread and passage of fire through horizontal and vertical assemblies where combustible pipes in closed and open/vented systems are used. In addition, HydroFlame™ Pipe Collars are ideal for firestopping ABS, FRPP, PVC, CPVC, PEX, PP, PVDF and other plastic pipes up to 6" (152 mm) in diameter. Collars may be used on concrete floor and wall assemblies rated up to 3 hours and on gypsum wall assemblies and rated wood floors up to 2 hours.
- Availability:** HydroFlame™ Pipe Collars are available for 1-1/2" (38mm), 2" (51mm), 3" (76mm), 4" (102mm) and 6" (152mm) (trade diameter) plastic pipe.
- Limitations:** HydroFlame™ Pipe Collars were not designed or intended for use in exterior environments where long-term exposure to rainfall or saltwater spray may occur. No other limitations known if used as directed.
- Storage & Handling:** Product should be stored in a dry place. Keep product stored under protective cover in original container. Even though product does not have expiration date, a stock rotation program is recommended.
- Testing Data:** HydroFlame™ Pipe Collars are classified by Underwriters Laboratories as a Firestop Device. For specific test criteria, see the UL Fire Resistance Directory or call HoldRite. HydroFlame™ Pipe Collars were tested at a minimum .01 inches (2.5 Pa) of water positive pressure in accordance with ASTM E814, UL 1479 and CAN/ULC-S115 (Fire Tests of Firestop Systems) test standards. Complies to Required Environmental Exposure Testing of Accelerated Aging and High Humidity as per UL 1479 Fire Test of Through-Penetration Firestops. This product is Clean Air Gold certified.

• **Compatibility:** “FBC™ System Compatible indicates that these products has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology.” “The FBC Compatible Logo, FBC™, FlowGuard Gold®, BlazeMaster®, Corzan®, and TempRite® are trademarks of Lubrizol Advanced Materials Inc. or its affiliates.”

• **Features:** Easy and fast installation. Labor savings by not having to measure material. Highly intumescent. Economical solution for plastic pipes. Approved for PVC, CPVC, FRPP, ABS, PEX, PVDF and PP (see UL listings for other pipe materials). This product is Clean Air Gold certified.

• **Installation Data:** Store product in original packaging if possible and in a cool dry place. Step 1: Create opening in substrate and install penetrating item in accordance with local standards and building codes. Step 2: Pick out desired UL system penetration drawings to install. Step 3: Choose the correct collar to use based on trade pipe size being installed. Determine UL system annular space requirements and confirm it is within product and system limits. Step 4: Wrap collar around the penetrating item by interlocking the two end tabs so that collar is flush with the underside of the floor or on both finished sides of the wall surfaces. HydroFlame collars must be installed on both sides of concrete or gypsum wall assemblies. Step 5: If a smoke seal is required consult with corresponding UL system detail for proper HydroFlame sealant to be installed. Step 6: Use appropriate anchors or fasteners to firmly attach collar to substrates thru the use of each fastening tab located on the collar. Step 7: Where concrete walls or floors are penetrated use appropriate 1/4" x 1/4" hex head washer type anchor or other steel expansion or wedge type anchors. In Gypsum wall assemblies, use laminate screws (1-1/4") or a MOLLY type hollow wall anchor (1/8" x 2").

• **Warranty:** HoldRite HydroFlame™ offers a limited 2-year warranty on all firestop products free from defects in material and workmanship. Please see HoldRite website www.holdrite.com for complete and official warranty information.

• For technical information please call (877) 700-4242 or visit our website (www.holdrite.com).



Part No.	Size (nom.)
HF-PC-0150	1-1/2" (38mm)
HF-PC-0200	2" (51mm)
HF-PC-0300	3" (76mm)
HF-PC-0400	4" (102mm)
HF-PC-0600	6" (152mm)

