



Product Submittal	
Name	
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Architect/Owner	
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Notes	

## HoldRite HydroFlame™ Firestop Sleeve (8", 10" & 12" Pipe) Specification Sheet/Drawing

The HoldRite HydroFlame™ Firestop Sleeve Series consists of assemblies that provide sleeving & firestop solutions for cast-in-place concrete floors. These sleeve products provide solutions for both metallic & non-metallic pipes, both insulated and non-insulated piping. For slabs 6" and thicker; 2 & 3 hour Fire Ratings. Sleeves are for use on flat form decks. 1" tall extensions are available. Each sleeve includes an OSHA-compliant hole cover plate / safety cap.

### Product Information:

- Material:
  - Main Sleeve Body: PVC
  - Safety Cap: 11GA Steel
  - Smoke Seal: Intumescent Foam
  - Fire Ring: 18GA Steel
  - Firestop Material: UL Listed Intumescent Composite
- Patented & Patents Pending
- See Hydroflame™ Sleeve Installation Instructions & Best Practices documents and UL System documents

- "FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzon® piping systems and products made with TempRite® Technology." The FBC™ System Compatible Logo, FBC™, FlowGuard®, BlazeMaster®, Corzan®, and TempRite® are trademarks of Lubrizol Advanced Materials, Inc. or its affiliates."

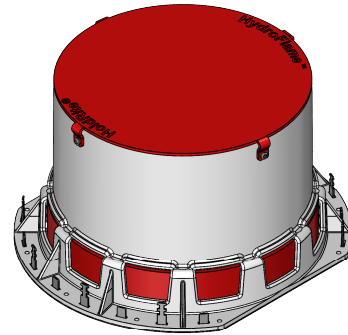
Technical Data for HydroFlame Firestop Device	
<b>Product Test Criteria</b>	
UL Fire Tested & Listed to UL1479 (ASTM E814) & CAN/ULC S115	
UL Ratings (consult individual product specs & UL Systems):	
"L": Yes; "F": 3 Hrs. typical; "W": Yes (With sealant. See UL Systems)	
<b>Intumescent Fire Wrap Physical Properties, Performance</b>	
Contains no solvents or carcinogenic fillers	
Color:	Gray/Black
Material shelf/store life:	Indefinite
Heat Expansion begins:	≈ 375°F (191°C)
Greatest Expansion:	575°F-1100°F (302°C - 593°C)
Constrained Expansion:	≥ 18 times volume
Free Expansion:	≥ 37 times volume
Expansion after accelerated weathering (tested to UL 1479):	
Temperature aging:	Pass - 270 days @ 158°F (70°C)
High humidity aging:	Pass - 180 days @ 97-100% humidity, 95°F (35°C)
Application Temperature:	Minimum 15°F (-9°C) / maximum 130°F (54°C)
Temperature Resistance:	Maximum 212°F (100°C)
Surface Burning Indicates (Per ASTM E84/UL 723):	
Flame spread:	5
Smoke developed:	5



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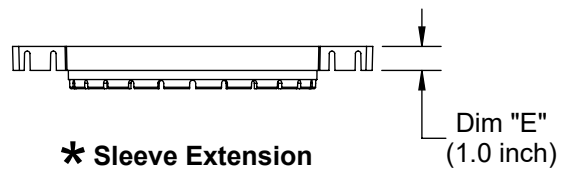
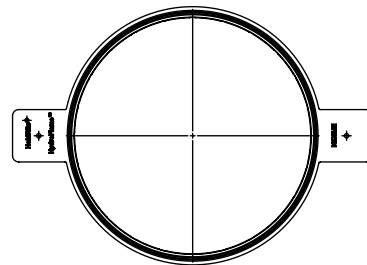
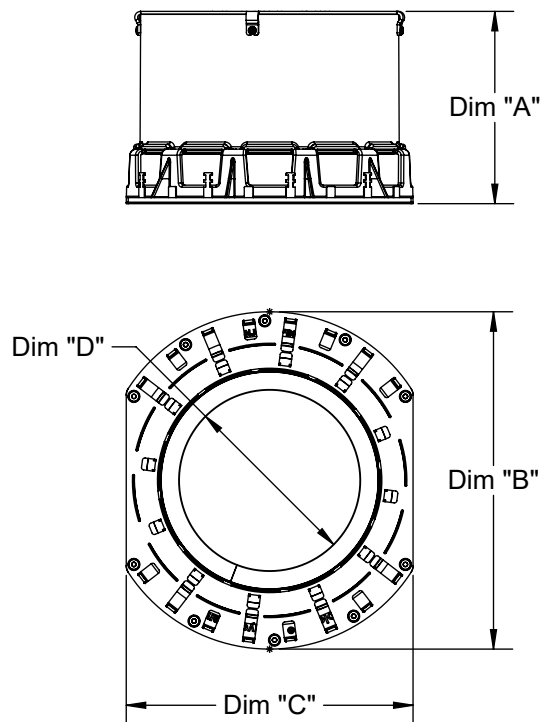


Part Numbers
HF-M8, HF-M10 & HF-M12
HF-P8, HF-P10 & HF-P12
HFEXT81 (8"), HFPEXT101 (10") & HFEXT121 (12")



Note:

- Height range: For slabs 6" and above. Standard sleeve is 8" tall.
- \* ● Sleeves can be extended by adding 1" sleeve extensions.



Size	Dim "A"	Dim "B"	Dim "C"	Dim "D"	Dim "A + E"
8"	8.0	14.1	12.0	Ø 7.5	9.0
10"		16.3	14.1	Ø 9.8	
12"		18.3	16.1	Ø 11.8	