



Transforming Firestop Solutions

- Telescoping Sleeves, Yes!
 Eliminate the need to cut sleeves on the jobsite
- Locator Whiskers, Yes!
 Locate buried sleeves after concrete pour
- Faster Install, Yes!
 Up to 6 times faster to install than makeshift methods
- Easy to Stock, Yes!
 Available at a distributor near you
- UL Listed Firestop Device, Yes!
 Meets and exceeds building code requirements
- Made in the USA, Yes!



Lock outer sleeve in place



Nail to form deck



Remove cap with Safety Cap Tool

Patented & Patent Pending.











FBC™ System Compatible* indicates that this product has been tested and monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe fittings.

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ENGINEERED SOLUTIONS

RACE BRAND



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Revolutionizing Plumbing

& Firestop Solutions

HoldRite® has been "Converting Makeshift Methods into Engineered Solutions" since the introduction of the #101-18 copper bonded bracket in 1982. That year, the Hubbard family business was born when Master Plumber George Hubbard designed a pipe support solution to replace the time-consuming and labor-intensive method of cutting blocks of wood to support water piping. Ultimately, George's invention would revolutionize plumbing throughout North America by creating the secondary pipe support plumbing methodology.

Understanding the plumber's perspective has always been in HoldRite's DNA. Even as we evolved into an international company, retaining a plumber's perspective has remained our strategic competitive advantage. We know that our value comes from constantly providing innovative product solutions to the plumbing industry. Our commitment to visiting our customers and listening to their input means that we understand plumbing applications better than anyone. This philosophy allows us to solve contractor problems, generate new revenue streams for distribution, and provide superior engineered building projects, without increasing construction costs.

Hundreds of millions of HoldRite products have been installed into a wide variety of construction projects, including single- and multi-family residential, healthcare, institutional, hotel, university, service and repair, tenant improvement and many more. By understanding both the large-project perspective and specific application requirements, HoldRite develops solutions that are essential in setting the standard for developers, architects, engineers, and contractors. HoldRite is a recognized brand leader and category expert in areas that include secondary pipe supports, acoustic noise and vibration isolation of plumbing systems, sleeving and firestopping systems, equipment support and water heater accessories, and drain, waste and vent (DWV) support and testing solutions.

Continuing in our tradition of providing versatile firestop solutions, HoldRite® has introduced a full line of sealants, fire wraps and pipe collars, designed to work easily alongside HydroFlame Pro in a variety of wall and floor penetration applications. Like our other products, HoldRite's new sealants, wraps and collars were created to help reduce installation time and increase jobsite efficiency.

HoldRite also offers value-added, no-cost services to the plumbing contractor, engineer, architect, and wholesale distributor to assist with different stages of the project. These VIP services include specification and submittal assistance, 3-D product drawings, custom installation detail pages, installation animations, a variety of file formats for Building Information Modeling (BIM), specification authorship, installation training, engineering judgements, technical support and project "take-off" assistance.





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Converting Makeshift Methods

Into Engineered Solutions

Ceiling/Floor Fire Stopping



Makeshift Method

HoldRite® HydroFlame™ Sealants



Engineered Solution

Ceiling/Floor Fire Stopping



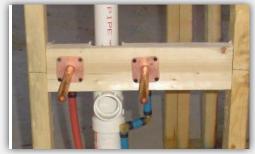
Makeshift Method

HoldRite® HydroFlame™ Pro Series



Engineered Solution

Sink



Makeshift Method

Sink



Engineered Solution





A Valued Member of the RWC Family of Brands

RWC is a powerful family of innovative brands that deliver, control, optimize and solve to make our customers' lives easier. As part of the RWC family, HoldRite adds value through providing plumbing and firestop solutions that operate as an efficient system with our other subsidiaries. We own every part of our manufacturing process from concept to delivery, and strive each day to ensure the quality of our products. HoldRite products have been designed and manufactured in the USA since 1982.

HoldRite has created a national footprint with strategically placed locations across the United States. With allied resources in Georgia, Alabama, Tennessee, Nevada and California, HoldRite is able to distribute patent protected products to consumers in North America.



Most HoldRite® products are **Made in America and/or meet the Buy American Act.** These solutions are ideal for government and military projects. Please contact us for detailed information about American made SKUs.













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Commonly observed field devised methods may result in providing a dangerous pathway for water, smoke, gas or fire. HYDROFLAME**

PIPE SIZE

Damage from this hotel fire was contained to the upper floors, but water damage destroyed walls, ceilings, floors, furniture, rugs, artwork, restaurants and stores all the way down to the lower floors.

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Heavy rains or hurricanes and other storms, may cause schedule delays and water damage to buildings under construction. Excessive rain often causes costly water damage to ceilings, walls and floors.



Water damage may cause significant health concerns and spawn lawsuits regarding mold issues. Failure of water lines, leaking water heaters, overflowing dishwashers, toilets and sinks, or misuse of other appliances may result in unwanted water intrusion that results in significant insurance claims in occupied buildings. More property claims are paid out due to water damage than fire damage, by far.



Many buildings are designed to house data communication networks and computer equipment. Such hi-tech investments are critical to corporations, healthcare facilities, military installations, government infrastructure and universities. HoldRite® HydroFlame™ Pro Series protects these high dollar assets from unwanted destruction due to water, as well as fire and smoke.

Transforming Firestop Solutions



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Contractor

HoldRite® HydroFlame™ Pro Series Interlocking Telescoping Sleeve Design

- · Eliminate the need to cut sleeves on the jobsite quick installs
- 6 times faster install, compared to makeshift methods
- No caulking or mineral wool required, for most applications
- Meet and exceeds building code requirements and UL Listed
- Telescoping sleeve allows height range of 2 ½" to 12"
- Extension sleeves available for greater than 12" thick slabs
- Accommodates various pipe types, conduits and cables sizes ½" to 6"
- · Versatile product minimizes inventory variations
- Measurement guide system built into sleeves (US and Metric)
- Easy to order

Locator Whiskers

- · Easily locate buried sleeves after concrete pour
- Quickly identify plastic pipe (red whiskers) or metal pipe (black whiskers) sleeve penetrations

Safety Cap

- Threaded cap allows for easy, non-destructive removal
- Meets OSHA hole cover requirements
- Safety cap attaches directly to telescoping or non-telescoping sleeve designs

Interlocking Nail-In Base

- Allows mixed sizes to mount together
- · Ideal for layout alignment or tight locations
- · Quickly identify plastic pipe (red base) or metal pipe (black base) sleeve penetrations

Water Tight Mid-Body Seal

- Seal design ideally grips pipe with up to 10X greater contact with pipe than other manufactured sleeve devices
- Substantially greater contact at the small end of the pipe range
- UL W-Rated proven water-tightness
- · Allows for movement important in seismic zones
- Allows for off-center penetrations
- Aids with acoustic noise and vibration isolation

HoldRite® HydroFlame™ Custom Built Solutions

- Custom designed for your project specifications
- · Custom crafted risers are ideal for thick concrete pours
- · Easy to install Set it and forget it!
- Meet and exceeds building code requirements, UL Listed
- UL W-Rated

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Through Industry Collaboration



Wholesale Distributor

- · Significant new revenue streams
- · Easy to order, stock and inventory
- Sleeves allow for multiple pipe size ranges and material types to pass through
- Meets and exceeds building, fire and safety codes UL Listed
- Sleeves are clearly labeled and color-coded, for simple selection
- Quick and easy to order through HoldRite
- HydroFlame Pro Series typically ship within 48 hours
- · Made in the USA
- No-charge submittal and specification compliance assistance from HoldRite, for your customers
- No-charge material take-off service through HoldRite, for your customers



Engineer/Architect

- UL Listed firestop devices
- · Meet and exceed building and fire codes in the USA and Canada UL and cUL Listed
- Protect property and occupants against damage from water, fire, smoke, gas, noise and seismic issues
- Prevent water, moisture and mold intrusion during construction and post-construction
- · Isolate hurricane, storm and water damage
- Protect Owner/Developer interests
- FBC System Compatible CPVC compatibility
- · Integrate superior product without increasing installed costs
- Product specifications and custom specification authorship assistance available upon request
- Fully tested and rated (data available upon request)
- · Use with combustible, non-combustible and insulated pipes, cables, conduits, etc.
- · Extensive accessories available
- · Eliminate one area for field installer error
- Complies with OSHA requirements for hole covers
- Made in the USA
- · Easily available at Wholesale Distribution throughout the USA and Canada
- · 3D CAD, BIM models and installation detail drawings available



Owner/Developer/General Contractor

- · Meet and exceed building and fire codes
- · UL Listed firestop devices
- Protect property and occupants against damage from water, fire, smoke, gas, and seismic issues
- · Potentially reduce insurance costs
- · Reduce overall construction costs
- · Reduce today's field installation errors and tomorrow's potential concerns
- · Reduce time to dry floors and complete building especially in high-rise construction
- $\,\cdot\,$ Enhance safety and quality on the job with built-in OSHA compliant safety hole covers
- Watertight floor penetrations compartmentalize future water damage within finished building
- · Expedite cover inspections with built-in UL Listed firestop devices
- Increase safety by keeping floor surfaces free of water and ice during construction, minimizing slip and fall hazards
- Eliminate field applied sealants reducing human error factors, while improving UL fire ratings
- Easily available at Wholesale Distribution throughout the USA and Canada fast lead times
- Made in USA



Introducing HoldRite®

HydroFlame™ Sealants

Introducing HoldRite® HydroFlame™ Firestop and Acoustic Sealants, Intumescent Wrap Strips, Intumescent Pipe Collars and Putty Pads

You spoke. We listened. At HoldRite, our goal is to understand your perspective so that we can continue to provide you with firestop solutions that exceed your expectations. Previously, our product assortment focused strictly on cast-in-place solutions. Now, based on your feedback, we have expanded our offering to include installation solutions to expand from 36 UL System Listings, to more than 300, with the intent to become your single-source sleeving and firestop provider.

Introducing HoldRite's all-new series of firestop sealants, wraps strips, pipe collars and putty pads, created to work efficiently with a wide variety of wall and floor penetraton application solutions for both commercial and residential construction, for both wood-framed and concrete construction.

Sealants

HydroFlame sealants protect vertical and horizontal construction assemblies from smoke and acoustic penetration, and prevent intrusion of flames and gases. Our sealants are compatible with a wide range of materials, including interior rated gypsum, concrete, and block walls, as well as rated concrete floors, concrete over metal decking floors and wood floor/ceiling assemblies. Additionally, HydroFlame sealants work with a variety of materials, such as cast iron, steel, steel conduits, copper pipe and tubing as well as non-metallic pipes such as PVC, CPVC, ABS, PVDF PEX, PP, XFR pipes and more. Sealants can also be used around various cables/bundles and sheet metal ductwork.

Wrap Strips

The HydroFlame Wrap Strip is made of a high-performance, flexible, intumescent material that forms a protective char when exposed to heat, in order to prevent the passage of flames and toxic gases. Use HydroFlame Wrap Strips with fire rated assemblies, large combustible pipe, insulated pipe penetrations within concrete/masonry walls, concrete and wood floors, and gypsum wall assemblies. They can also be used with a custom collar.

Pipe Collars

HydroFlame Pipe Collars are pre-assembled with highly intumescent material and are ideal for use in open and closed through-penetration firestop systems. Featuring an easy interlocking tab for efficient installation, our unique design helps save time and expense, when compared to our competitors' smaller collars. Use HydroFlame Pipe Collars for firestopping larger pipe penetrations. Collars are compatible with concrete floor and wall assemblies, as well as on gypsum walls and rated wood floors.

Putty Pads

HydroFlame Putty Pads are made of a moldable, non-curing, single component fire-rated material. Used for membrane-penetration firestop systems, our putty expands when exposed to heat to form an insulating char. This protects against the spread of flames, smoke, gas and water through penetration openings. No mixing is required for application, and this product can be used on metal or nonmetallic electrical box outlets, and electrical or mechanical cabinets.

Read on to explore HoldRite's all-new assortment of firestop solutions, **developed** with your needs in mind. Our sealants, wrap strips, pipe collars, putty pads and firestop accessories are designed to ensure the highest level of safety and efficiency on your job site.





Smoke & Acoustic Sealant

- · Easily dispensed using a caulking gun
- · Provides a flexible paintable sealant once cured
- · Meets LEED criteria
- Low VOC content
- FBC™ system compatible
- · Easily cleans up with water
- · Clean Air Gold certified
- · High STC Rating 69
- · 2 Year Shelf Life

HoldRite® HydroFlame™ 100

Firestop Sealant

- Flexible (Elastomeric)
- Low VOC
- · Meets LEED Criteria
- Paintable
- Water based
- · Excellent freeze-thaw
- · High STC rating 65
- 3 year shelf life
- FBC™ system compatible
- · Easily dispensed (caulking gun or trowel)
- G21 testing for obstruction of mold growth
- Clean Air Gold certified





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Pipe Collar

- · Easy and fast installation
- · Labor savings by not having to measure and cut material
- Highly intumescent
- · Economical solution for plastic pipes
- FBC™ system compatible
- Approved for PVC, CPVC, PP, FRPP, ABS, PVDS and PVC/ABS foam core insulations and more
- · Clean Air Gold certified

HoldRite® HydroFlame™

Putty Pads

- Possesses intumescent properties; expands when exposed to fire.
- No volatile solvents, which makes it particularly useful when installing in confined spaces or occupied areas
- · Does not have asbestos fillers
- A single component putty system; no mixing necessary and no required additives
- · DOT Classification is not Regulated
- Applied by hand
- Easy to install onto plastic and metal electric boxes
- · Adheres to all common building common surfaces
- · Clean Air Gold certified





HoldRite® HydroFlame™

Wrap Strips

- · No curing time
- · Excellent freeze-thaw properties
- Simple to apply
- Systems up to 12"(pvc)
- Flexible
- Forms hardened char after expansion
- · Highly intumescent
- Can be installed from the topside of floor eliminating the need for ladders
- FBC™ system compatible
- · Clean Air Gold certified
- · Can also be installed with a custom collar
- Approved for PVC, CPVC, PP, FRPP, ABS, PVDS and PVC/ABS foam core insulations and more













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HoldRite® HydroFlame™ Sealants

Product & Services Directory



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Caulking Guns and Other Accessories Page 25



VIP No Charge Services Page 69



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Туре	UL Rating	Status
Smoke/Gas	L	✓

Smoke & Acoustic Sealant

HoldRite® HydroFlame™ 50 is a smoke and acoustic sealant used to seal around penetrations in non-rated horizontal or vertical construction assemblies. Works in conjunction with and compliments HoldRite Silencer™ series noise and vibration dampening systems. When properly installed, HydroFlame 50 will prevent the passage of smoke through penetration openings in non-rated assembles while also providing an excellent sound barrier by preventing the transfer of airborne sound and other vibrations from passing through the wall or floor/ceiling assembly.

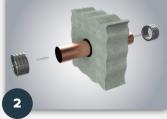
- · Easily dispensed using a caulking gun
- · Provides a flexible paintable sealant once cured
- · Meets LEED criteria
- Low VOC content
- FBC™ system compatible
- · Easily cleans up with water
- · Clean Air Gold certified
- High STC rating 69
- · 2 year shelf life
- · Safe for plastic and metallic pipes
- · Will not react to bituminous coatings on cast iron pipes
- · ASTM G-21 Mold Resistant

Model Number	Description	Size	Box Qty
HF50-20S	Smoke & Acoustic Sealant (White)	20.2 oz. Sausage	12

Wall Application



Clean opening.



Install pipes or cables. Install backing material as required into annular space as shown to both sides of wall assembly.



Apply caulking as required to close remaining gap to both sides of wall assembly; providing a smoke and gas resistant seal. Spread caulking smoothly and evenly all around.

For floor installations visit HoldRite.com/firestop-sealants/



Туре	UL Rating	Status
Water	w	~
Smoke/Gas	L	✓
Fire	F	✓
Thermal	T*	✓

*T-Rating when penetrant is non-metallic

Firestop Sealant

HoldRite® HydroFlame™ 100 is an elastomeric water based single component non-sag firestop sealant with low intumescent qualities. It is convenient for areas and conditions where dynamic movement is expected. A perfect firestop sealant for new and existing penetrations through interior rated gypsum, concrete, and block walls as well as rated concrete floors, concrete over metal decking floors, and wood floor ceiling assemblies. When properly installed, HydroFlame 100 will prevent the passage of smoke, gasses, and flames through openings around penetrating items. HydroFlame 100 is ready to be dispensed out of the package and does not require thinning or mixing. It is simple to install and can be dispensed out of any standard caulking gun or bulk loader that is designed for 10, 20, or 30-ounce packaging. Additionally, It can easily be troweled out of a 5-gallon bucket. HydroFlame 100 UL systems are rated up to 4 hours as tested in conformance to ASTM E814 or UL 1479 and CAN/ULC-5115.

- · Flexible (Elastomeric)
- Low VOC
- Paintable
- · Water based
- · Excellent freeze-thaw
- · High STC Rating 65
- · 3 year shelf life
- FBC™ system compatible
- Easily dispensed (caulking gun or trowel)
- · G21 testing for obstruction of mold growth
- · Clean Air Gold certified
- Safe for plastic and metalic pipes

Model Number	Description	Size	Qty
HF100-10C	Firestop Sealant (Red)	10.3 oz. Cartridge	12 per box
HF100-20S	Firestop Sealant (Red)	20.2 oz. Sausage	12 per box
HF100-30C	Firestop Sealant (Red)	30 oz. Cartridge	12 per box
HF100-5B	Firestop Sealant (Red)	5 Gal.	36 per pallet

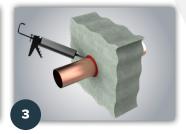
Wall Application



Clean opening.



Install pipes or cables. Install backing material as required Into annular space as shown to both sides of wall assembly.



Apply caulking as required to close remaining gap to both sides of wall assembly; providing a fire smoke and gas resistant

For floor installations visit HoldRite.com/firestop-sealants/



Туре	UL Rating	Status
Water	w	✓
Smoke/Gas	L	✓
Fire	F	✓
Thermal	T*	~

*T-Rating when penetrant is non-metallic

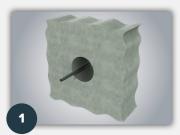
Firestop Sealant

HoldRite® HydroFlame™ 200 is an elastomeric water based single component non-sag highly intumescent firestop sealant. It is convenient in areas and conditions where dynamic movement is expected. A perfect firestop sealant for new and existing penetrations through interior rated gypsum, concrete, and block walls as well as rated concrete floors, concrete over metal decking floors, and wood floor ceiling assemblies. When properly installed, HydroFlame 200 will prevent the passage of smoke, gasses, and flames through openings around penetrating items. HydroFlame 200 is ready to be dispensed out of the package and does not require thinning or mixing. It is simple to install and can be dispensed out of any standard caulking gun or bulk loader that is designed for 10, 20, or 30-ounce packaging. It can also easily be troweled out of a 5-gallon bucket. HydroFlame 200 UL systems are rated up to 4 hours as tested in accordance to ASTM E814 or UL 1479 and CAN/ULC-S115 testing standards.

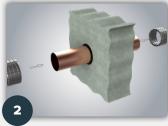
- · Flexible (Elastomeric)
- Low VOC
- Paintable
- · Water based
- · Excellent freeze-thaw
- · High performance intumescent
- · Clean Air Gold certified
- 3 year shelf life
- FBC™ system compatible
- Easily dispensed (caulking gun or trowel)
- · G21 testing for obstruction of mold growth
- · Safe for plastic and metallic pipes

Model Number	Description	Size	Qty
HF200-10C	Firestop Sealant (Red)	10.3 oz. Cartridge	12 per box
HF200-20S	Firestop Sealant (Red)	20.2 oz. Sausage	12 per box
HF200-30C	Firestop Sealant (Red)	30 oz. Cartridge	12 per box
HF200-5B	Firestop Sealant (Red)	5 Gal.	36 per pallet

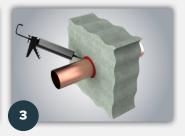
Wall Application



Clean opening.



Install pipes or cables. Install backing material as required Into annular space as shown to both sides of wall assembly.



Apply caulking as required to close remaining gap to both sides of wall assembly; providing a fire smoke and gas resistant

For floor installations visit HoldRite.com/firestop-sealants/



Type	UL Rating	Status
Fire	F	✓
Thermal	T*	✓

^{*}T-Rating when penetrant is non-metallic

Pipe Collar

HoldRite® HydroFlame™ Pipe Collars are prefabricated for open and closed through-penetration firestop systems using 1-1/2"(38 mm) to 6" (152 mm) 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. Tested in accordance to ASTM E814 or UL 1479 and CAN/ULC-S115 testing standards.

- · No curing time
- · Easy and fast installation
- · Labor savings by not having to measure material
- Highly intumescent
- Economical solution for plastic pipes
- FBC™ system compatible
- Approved for PVC, CPVC, FRPP, ABS and PVC/ABS foam core insulations and more
- · Clean Air Gold certified

Model Number	Description	Size	Box Qty
HF-PC-0150	Pipe Collar	11/2"	12
HF-PC-0200	Pipe Collar	2"	12
HF-PC-0300	Pipe Collar	3"	6
HF-PC-0400	Pipe Collar	4"	6
HF-PC-0600	Pipe Collar	6"	2

Wall Application



Clean plastic pipe.



Apply caulking as required to close remaining gap to both sides of wall assembly; providing a fire smoke and gas resistant seal. Spread caulking smoothly and evenly all around.



Install collars around pipe.



Close collars and slide along the pipe until flush with wall. Anchors as required.

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Туре	UL Rating	Status
Smoke/Gas	L	✓
Fire	F	•

HoldRite[®] HydroFlame™ Putty Pads

HoldRite® HydroFlame™ moldable putty pads are a non-curing single component fire-rated material for membrane-penetration firestop systems. HydroFlame® Putty will intumesce and expand when exposed to heat, forming an insulating char. In the event of a fire, putty pads will prevent the spread of flames, smoke and gas through penetration openings. Putty pads are applied by hand and mixing is never required. HydroFlame Putty Pads are rated for up to 3 hours as tested in accordance to ASTM E814, UL 1479 and ULC/CAN4-S115-M test standards. HydroFlame Putty Pads are designed to be used in conjunction with metallic or non-metallic electrical box outlets.

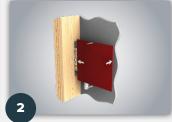
- Possesses intumescent properties; expands when exposed to fire
- No volatile solvents, which makes it particularly useful when installing in confined spaces or occupied areas
- Does not have asbestos fillers
- A single component putty system; no mixing necessary and no required additives
- · DOT Classification is not regulated
- · Applied by hand
- · Easy to install
- · Adheres to all common building common surfaces
- · Clean Air Gold certified
- · Ideal for use with metallic and non-metallic outlet boxes

Model Number	Description	Size	Box Qty
HF-PP-1	Putty Pad	7" × 7" × 1/8"	20

Wall Application



Remove releasing film from the putty pad.



Align pad to the side of the electrical box partially overlapping the stud and adhere.



Work pad to opposite side of the electrical box working it into the



Smooth surface and corners to form the shape of the electrical box. Make sure to have the proper overlap on adjoining stud and drywall surfaces.



Type	UL Rating	Status
Smoke/Gas	L	✓
Fire	F	✓
Thermal	T*	✓

*T-Rating when penetrant is non-metallic



Custom Collar

- HF-CC-0100
- HF-CC-0200

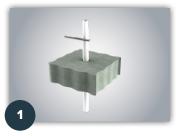
Wrap Strips

HoldRite® HydroFlame™ Wrap Strip is a high performance highly intumescent flexible wrap strip that is designed to expand when exposed to heat. Wrap Strips are intended to be used around combustible pipes and insulated pipes as a solution to seal off these challenging pipes in the event of a fire. When Wrap Strip activate and intumesces due to heat, it will form a robust char that will seal off the opening around the penetrating items or will close off completely the annular space that is exposed once combustible pipes melt away to prevent the passage of hot gasses and flames to migrate to the other side of a fire rated assembly. Tested in accordance to ASTM E814, UL 1479 and ULC/ CAN-S115 test standards.

- No curing time
- · Excellent freeze-thaw properties
- Simple to apply
- Systems up to 12"(PVC)
- · Flexible
- Forms hardened char after expansion
- · Highly intumescent
- Can be installed from the topside of floor eliminating the need for ladders, refer to specific UL details
- · FBC™ System Compatible
- · Clean Air Gold certified
- · Can also be used with Custom Collar

Model Number	Description	Size	Box Qty
HF-WS14-0100	Wrap Strips	1" x 12' Roll	6
HF-WS14-0200	Wrap Strips	2" x 12' Roll	4
HF-CC-0100	Custom Collar	1" x 50' Roll	1
HF-CC-0200	Custom Collar	2" x 50' Roll	1

Wall Application



Clean plastic pipe.



Apply wrap strips around plastic pipe for the specified number of times and fasten tightly using adhesive tape to both sides of wall assembly.



Slide wrap strips along the pipe and into the annular space as shown.



Apply caulking as required to close remaining gap to both sides of wall assembly; providing a smoke and gas resistant seal. Spread caulking smoothly and evenly all around.

For floor installations visit HoldRite.com/firestop-sealants/



HF-CG-20SP | Premium Caulk Gun Shown

HoldRite® HydroFlame™ Caulk Guns

- · Designed for standard viscosity materials
- · Full size handle for comfortable, efficient dispensing
- · Double gripping plate technology for no slipping and long life
- · Convenient rotating swivel barrel
- · Durable sausage pistons prevent bag-wrap



HoldRite® HydroFlame™ Follow Plates

- · Neoprene seal can be used with straight & tapered bucket
- · For 2" diameter barrel bulk gun
- 5 Gal. Diameter- 11.5" With 1" neoprene seal
- No threaded barrel docking (air tight o-ring)





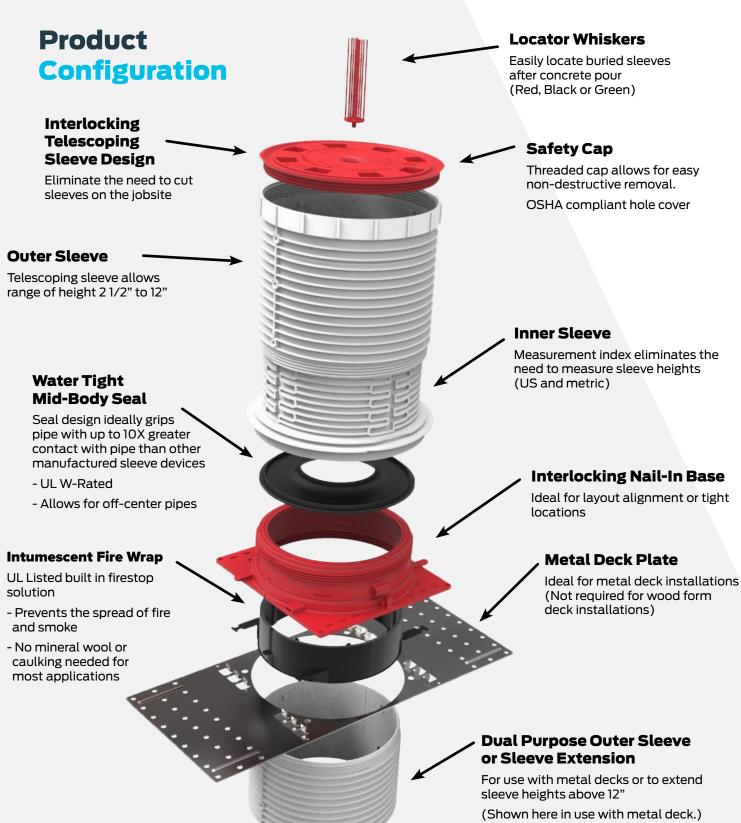
HoldRite® HydroFlame™ Replacement Tips

· Easily replace caulking tips

Model Number	Description	Size
HF-CG-20SP	Premium Caulk Gun with logo	20 oz.
HF-CG-20SE	Economy Caulk Gun	20 oz.
HF-CG-32B	Bulk Loading Caulk Gun	32 oz.
HF-FP-5	Bulk Loading Follow Plate	5 Gal.
HF-CG-T20	Replacement Tips (Cone)	20 oz.
HF-CG-T32	Replacement Tips (Cone)	32 oz.







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No assembly required

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Transforming Firestop Solutions

TELESCOPING SLEEVES, YES!

Eliminate the need to cut sleeves on most jobsites

LOCATOR WHISKERS, YES!

Locate buried sleeves after concrete pour

SAFETY CAP. YES!

- OSHA compliant hole cover
- Threaded design allows for easy removal

FOR WOOD OR METAL FORM DECKS, YES!

Telescoping or non-telescoping design

FIRESTOP A WIDE VARIETY OF PIPE TYPE & SIZES, YES!

Material type and pipe sizes easily identifiable (1/2" to 6")

SUPERIOR SEAL, YES!

· UL W-Rated!

INTERLOCKING NAIL-IN BASE, YES!

Ideal for alignment layout and tight install locations

NUMEROUS ACCESSORIES AVAILABLE, YES!

 Telescoping extension, water module, water dam, aerator adaptor box, and safety cap tool

FASTER INSTALL, YES!

Up to 6 times faster to install than makeshift methods

EASY TO STOCK, YES!

· Available in stock at your local wholesale distributor

UL LISTED FIRESTOP DEVICE, YES!

Meets and exceeds building code requirements

MADE IN THE USA, YES!





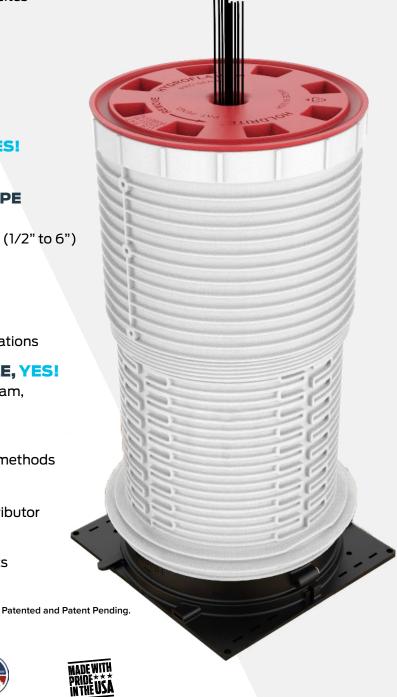




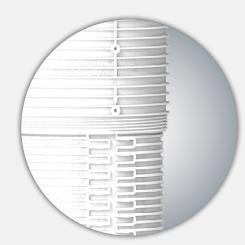




BC™ System Compatible* indicates that this product has been tested and monitored on an ongoing basis, o assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe fittings.

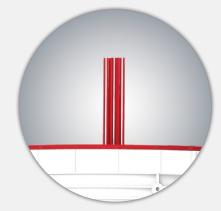


FAX: 760-744-0507



Interlocking Telescoping Sleeve Design

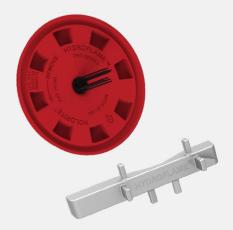
- · Eliminate the need to cut sleeves on the jobsite
- Adjust sleeve to desired height 2 1/2" to 12"
- · Extension sleeves available for greater than 12"
- Accommodates various pipe, conduit and cable types and sizes ½" to 6"
- Non-telescoping design also available at 7 3/4" tall
- · Faster install over traditional methods or other manufactured designs
- Measurement guide system built into sleeves (US and Metric)
- Significantly reduces the number of SKU's required to stock shelves or complete job



HoldRite® HydroFlame™ Pro Series Locator Whiskers

- Easily locate buried sleeves after concrete pour
- Quickly identify plastic pipe (red whiskers) or metal pipe (black whiskers) sleeve penetrations
- · Green whiskers also available





HoldRite® HydroFlame™ Pro Series Safety Cap

- Threaded cap allows for easy non-destructive removal
- Meets OSHA hole cover requirements
- Safety Cap Tool available for tightening or untightening/removal
- Allows for locator whiskers to attach directly to safety cap
- Safety cap attaches directly to telescoping or non-telescoping sleeve designs

HoldRite® HydroFlame™ Pro Series Interlocking Nail-In Base

- · Ideal for alignment layout and tight install locations
- · Fast and easy installation
- Quickly identify plastic pipe (red base) or metal pipe (black base) sleeve penetrations







Reduce Installation Costs with the





Application Cost Savings Analysis Example
Install sleeve and firestop for a 2" pipe through an 8" thick concrete slab on a wood form deck.

Problematic Plastic Concrete Sleeve Makeshift Method				
	Installation Steps	Approx. Mat. Cost	Labor Time	
1.	Salect 4" sleeve, measure and mark for saw cutting	\$3.00	1 minute	
2.	Cut vieeve, in prep for re-assembly to slab height of 8"		1 minute	
3.	Build sleeve to height with screw guil screws and tape	50¢	3 minutes	
4.	Nail sleeve to form deck (concrete poured by others)		2 minutes	
5.	Remove/demalish sleeve out of hole		5 minutes	
6.	Buy material, cut build and install hole cover OSHA)	\$1.00	2 minutes	
7.	Clean-up sleeve debris on floor below		1 minute	
8.	Remove hole cover. Install pipe with riser clamp		2 minutes	
9.	Collect, store and redistribute hole cover upstvirs		1 minute	
10.	Remove riser clamp for access to annular space		1 minute	
11.	Install and compact mineral wool material into annular space	50¢	2 minutes	
12.	Install fire caulk to proper thickness and trowel level	\$1.00	2 minutes	
13.	Re-install riser clamp (and hope pipe didn't settle)		1 minute	
14.	Clean debris, hands and tools and caulking tube and store for re-use		2 minutes	
	TOTALS:			
	Approximate Material Costs	\$6.00	20 - int	
	Time Labor Cost at \$50/hour	\$21.67	26 minutes	
	Total Installed Cost (T&M)	\$27.67		

HoldRite HydroFlame	PRO SE	RIES™
Installation Steps	Approx. Mat. Cost	Labor Time
 Select sleeve size and nail it to form deck (concrete poured by others) Remove cap and install pipe with riser clamp 	\$9.00	2 minutes 2 minutes
Save \$15.5 per installa over the probl makeshift m PUT THE F IN YO POCK	ematic ethod. PROFIT	
TOTALS:		
Approximate Material Costs Time Labor Cost at \$50/hour	\$9.00 \$3.33	4 minutes
Total Installed Cost (T&M)	\$12.33	

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FIRESTOP SLEEVE ADVANTAGES VS. COMMONLY OBSERVED CAST-IN-PLACE DEVICES

	HoldRite® HydroFlame™ Pro Series	Features and Benefits	Commonly Observed Cast-in-Place Sleeves
	✓	Adjustable height sleeves	×
•	✓	Fast Install	×
	✓	UL W-Rated water-tight mid-body seal	×
	✓	"Locator whiskers" to locate sleeves after pour	×
	✓	Best safety caps, easiest to remove, without demolition	×
	✓	Aerator adapter available in 2", 3", 4" and 6" varieties	×
	✓	Available exclusively through wholesale distribution	×
	✓	Most stable metal deck kit, and requires just one accessory	×
	✓	UL Fire Rated for 1/2"-6" pipes and conduits without any accessories	×
	✓	Hollow sleeve versions available, if caulking is preferred	×
	✓	MADE IN THE USA	×

FAX: 760-744-0507 1-800-321-0316 www.HoldRite.com Engineered Solutions

Most stable sleeve height extensions on the market

Excellent shower & floor drain, tub box and toilet sleeve kits

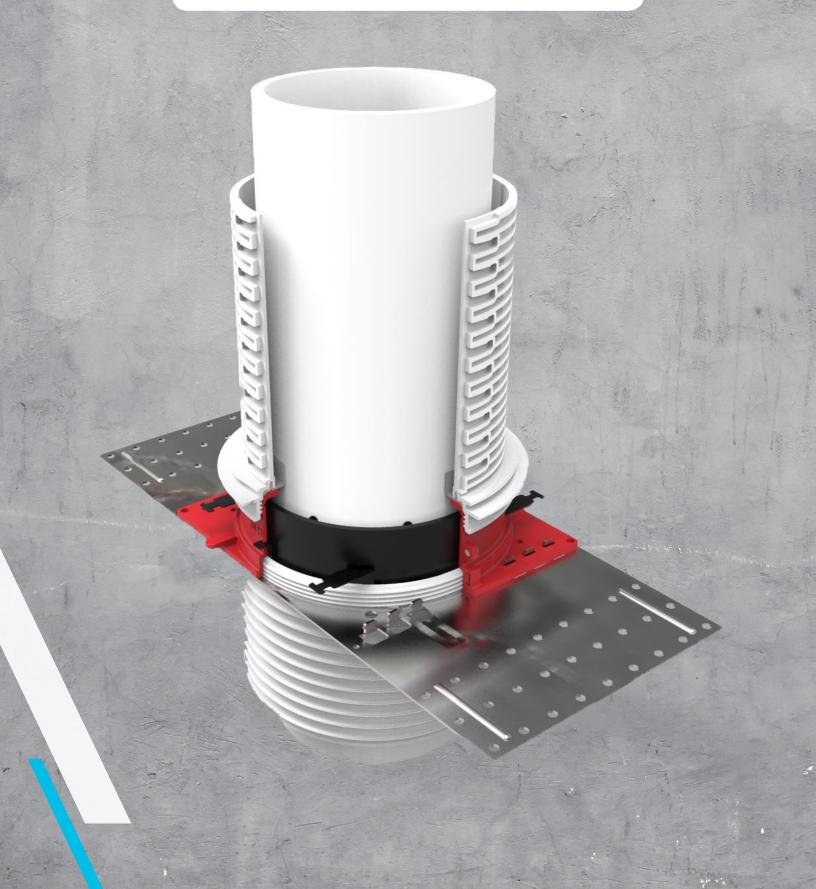
Height markings & straight lines aid in cutting sleeves short

×

×

×





Product & Services Directory



Telescoping Firestop Sleeves Page 34



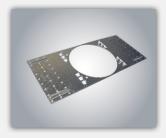
Non-Telescoping
Firestop Sleeves Page 35



Telescoping Hollow Sleeves (Sleeves Only) Page 36



Non-Telescoping Hollow Sleeves (Sleeves Only) Page 37



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Plastic Shower Drain Sleeves (Drain Not Included) Page 44



Cast Iron Drain Sleeves (Drain Not Included) Page 45



Cable and Line Set Sleeves Page 46



Closet Flange Sleeves (Flange Not Included) Page 47



Safety Cap Tool Page 47



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Appendix Page 75



Type	UL Rating	Status
Water	w	✓
Smoke/Gas	L	~
Fire	F	✓
Thermal	T*	✓

*T-Rating when penetrant is non-metallic

Telescoping Firestop Sleeves

- · Ideal for flat concrete form decks cast-in-place
- · Ideal for corrugated metal decks (corrugated deck plate required)
- Available for 1/2" to 6" penetrants piping, conduit, cables, etc.
- · For insulated and non-insulated pipes
- · Telescoping design adjusts from 8" to 12", in 1/4" increments
- · Cut to as short as 2-1/2"
- · Black base and black whiskers identifies metal piping system
- · Red base and red whiskers identifies plastic or metal piping system
- Includes locator whiskers, to locate buried sleeves and to identify pipe type (metal or plastic)
- Dimensions on sleeves allows for simple height adjustments
- Safety caps meet OSHA hole cover requirements
- UL Listed firestop devices (2 or 3 hour F-ratings)
- Meets and/or exceeds building code requirements
- · Built in fire, smoke, gas and water protection
- UL W-Rated seal, water-tight for most penetrants
- · Allows for contraction, expansion, movement and off-center pipes
- Reduces piping system noise transfer by maintaining annular spacing
- Interlocking base capability assists with layout alignment
- · Extensions available for slabs over 12"
- · A variety of accessories are available
- · UL 50 Pa Ratings

Model Number	Penetrating Pipe Type	Nominal Penetrant Size	Box Qty
HFP-P1	Plastic and Metal	1/2" - 1"	10
HFP-P2	Plastic and Metal	1-1/4" - 2"	10
HFP-P3	Plastic and Metal	2" - 3"	10
HFP-P4	Plastic and Metal	3" - 4"	10
HFP-P6	Plastic and Metal	5" - 6"	2
HFP-M1	Metal	1/2" - 1"	10
HFP-M2	Metal	1-1/4" - 2"	10
HFP-M3	Metal	2" - 3"	10
HFP-M4	Metal	3" - 4"	10
HFP-M6	Metal	5" - 6"	2



Cut inner and outer sleeve if desired height is under 8"



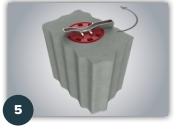
Lock outer sleeve in place



Re-install cap & insert whiskers



Nail to form deck



Remove cap with Safety Cap Tool or break out with hammer

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Install pipe



Туре	UL Rating	Status
Water	w	~
Smoke/Gas	L	✓
Fire	F	✓
Thermal	T*	✓

*T-Rating when penetrant is non-metallic

HoldRite® HydroFlame™ Pro Series Non-Telescoping Firestop Sleeves

- · Ideal for flat concrete form decks cast-in-place
- · Ideal for corrugated metal decks (corrugated deck plate required)
- Available for 1/2" to 6" penetrants, piping, conduits, cables, etc.
- For insulated and non-insulated pipes
- 7-3/4" Tall, and can be cut to as short as 2-1/2". Extensions available
- Black base and black whiskers identifies metal piping system
- · Red base and red whiskers identifies plastic or metal piping system
- Includes locator whiskers, to locate buried sleeves and to identify pipe type (metal or plastic)
- · Dimensions on sleeve allows for simple height adjustment when cutting
- Safety caps meet OSHA hole cover requirements
- UL Listed firestop devices (2 or 3 hour F-ratings)
- Meets and/or exceeds building code requirements
- · Built in fire, smoke, gas and water protection
- · UL W-Rated seal, water-tight for most penetrants
- Allows for contraction, expansion, movement and off-center pipes
- · Reduces piping system noise transfer by maintaining annular spacing
- Interlocking base capability assists with layout alignment
- · A variety of accessories are available
- · UL 50 Pa Ratings

Model Number	Penetrating Pipe Type	Nominal Penetrant Size	Box Qty
HFP-P1B	Plastic and Metal	1/2" - 1"	10
HFP-P2B	Plastic and Metal	1-1/4" - 2"	10
HFP-P3B	Plastic and Metal	2" - 3"	10
HFP-P4B	Plastic and Metal	3" - 4"	10
HFP-P6B	Plastic and Metal	5" - 6"	2
HFP-M1B	Metal	1/2" - 1"	10
HFP-M2B	Metal	1-1/4" - 2"	10
HFP-M3B	Metal	2" - 3"	10
HFP-M4B	Metal	3" - 4"	10
HFP-M6B	Metal	5" - 6"	2



Cut sleeve if desired height is under 73/4"



Re-install cap & insert whiskers



Nail to form deck



Remove cap with Safety Cap Tool or break out with hammer



Install pipe



Type	UL Rating	Status
Water	W*	✓
Smoke/Gas	L	✓
Fire	F	✓
Thermal	T*	✓

^{*}T-Rating when penetrant is non-metallic *W-Rated when used with silicone sealant

Telescoping Hollow Sleeves

(Sleeve Only, Firestopping By Others)

- · UL Listed sleeves, when installed per UL Systems
- Firestopping provided by others (no intumescent material included), can achieve 2 or 3-hour F-Ratings
- Telescoping design adjusts from 8" to 12", in 1/4" increments.
- · Cut to as short as 4-1/2".
- Available for 1/2" to 6" penetrants piping, etc.
- · For insulated and non-insulated pipes
- Fast, simple concrete sleeve for flat form decks
- · Includes locator whiskers, to locate buried sleeves
- · Dimensions on sleeve allows for simple height adjustment when cutting
- Safety caps meet OSHA hole cover requirements
- · No field assembly required
- Sleeve remains in slab, unlike typical hollow sleeves
- Accepts HoldRite HydroFlame Pro Series Corrugated Metal Deck Plate, for corrugated deck forms
- Extensions are available for slabs over 12"
- · A variety of accessories are available

Model Number	Penetrating Pipe Type	Nominal Penetrant Size	Box Qty
HFP-H2	Plastic and Metal	1⁄4" - 1 1⁄4"	10
HFP-H3	Plastic and Metal	1" - 2"	10
HFP-H4	Plastic and Metal	1-1/4" - 3"	10
HFP-H5	Metal	2-1/2"- 4"	10
HFP-H7	Metal	4" - 6"	2

Suffix "-S"added to model number provides a mid-body water seal



Cut inner and outer sleeve if desired height is under 8"



Lock outer sleeve in place



Re-install cap & insert whiskers



Nail to form deck



Remove cap with Safety Cap Tool or break out with hammer



Install pipe



Install mineral and fire caulking as required

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Туре	UL Rating	Status
Water	W*	~
Smoke/Gas	L	~
Fire	F	✓
Thermal	T*	✓

^{*}T-Rating when penetrant is non-metallic *W-Rated when used with silicone sealant

HoldRite® HydroFlame™ Pro Series Non-Telescoping Hollow Sleeves

(Sleeve Only, Firestopping By Others)

- · UL Listed sleeves, when installed per UL systems
- Firestopping provided by others (no intumescent material included), can achieve 2 or 3-hour F-Ratings
- 7-3/4" Non-telescoping design. Cut to as short as 4-1/2".
- Available for 1/2" to 6" penetrants piping, etc.
- · For insulated and non-insulated pipes
- · Fast, simple concrete sleeve for flat form decks
- · Includes locator whiskers, to locate buried sleeves
- Dimensions on sleeve allows for simple height adjustment when cutting
- · Safety caps meet OSHA hole cover requirements
- · No field assembly required
- · Sleeve remains in slab, unlike typical hollow sleeves
- Accepts HoldRite HydroFlame Pro Series Corrugated Metal Deck Plate, for corrugated deck forms
- · Extensions are available
- · A variety of accessories are available

Model Number	Penetrating Pipe Type	Nominal Penetrant Size	Box Qty
HFP-H2B	Plastic and Metal	1⁄4" - 1 1⁄4"	10
HFP-H3B	Plastic and Metal	1" - 2"	10
HFP-H4B	Plastic and Metal	1-1/4" - 3"	10
HFP-H5B	Metal	2-1/2"- 4"	10
HFP-H7B	Metal	4" - 6"	2

Suffix "-S"added to model number provides a mid-body water seal



Cut sleeve if desired height is under 73/4"



Re-install cap & insert whiskers



Nail to form deck



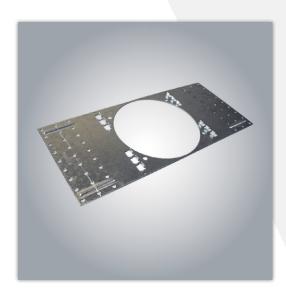
Remove cap with Safety Cap Tool or break out with hammer



Install pipe



Install mineral and fire caulking as required



HoldRite® HydroFlame™ Pro Series Corrugated Metal Deck Plates

- · For use with concrete pours over corrugated metal decks
- Assembles directly to HoldRite HydroFlame Pro Series Firestop Sleeves
- · Sizes available for 1", 2", 3", 4", and 6" sleeves
- · Superior strength and stability
- · One-piece metal deck solution

(*Must be ordered with HydroFlame Pro Series Sleeves)

Model Number	Penetrating Pipe Type	Used With	Nominal Penetrant Size	Box Qty
HFPCD1	Plastic and Metal	HFP-P/M1, HFP-P/M1B, HFP-H2, HFP-H2B	1/4" - 1-1/4"	10
HFPCD2	Plastic and Metal	HFP-P/M2, HFP-P/M2B, HFP-H3, HFP-H3B	1" - 2"	10
HFPCD3	Plastic and Metal	HFP-P/M3, HFP-P/M3B, HFP-H4, HFP-H4B	1-1/4" - 3"	10
HFPCD4	Plastic and Metal	HFP-P/M4, HFP-P/M4B, HFP-H5, HFP-H5B	2-1/2"- 4"	10
HFPCD6	Metal	HFP-P/M6, HFP-P/M6B, HFP-H7, HFP-H7B	4" - 6"	10
HFPCD6-DC	Plastic and Metal	HFP-P/M6, HFP-P/M6B, HFP-H7, HFP-H7B	4" - 6"	2

Note: Use of a CD Plate must be accompanied with use of an outer sleeve or sleeve extension, as shown in installation step #3 below.



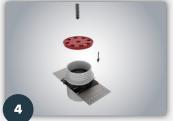
Cut inner and outer sleeve if desired height is under 8"



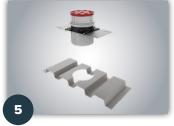
Install CD Plate



Install inverted outer sleeve to bottom of base



Re-install cap & insert whiskers



Install HoldRite HydroFlame Pro Sleeve assembly into corrugated deck

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Remove cap with Safety Cap Tool or break out with hammer



Install pipe



HoldRite® HydroFlame™ Pro Series Extension Sleeves

- Extends the height of HoldRite HydroFlame Pro Series sleeves by as much as 43/4 in 1/4" increments
- · No coupling needed for connection to sleeves
- · Ideal for use on concrete pours over 12"
- Available for all HoldRite HydroFlame Pro Series sleeve sizes
- Connects to safety caps, water dams, water modules and underside of sleeves

Model Number	Fits Firestop Sleeves	Fits Hollow Sleeves	Nominal Penetrant Size	Box Qty
HFPE1	#1 Firestop Sleeves	#2 Hollow Sleeves	1/4" - 1-1/4"	5
HFPE2	#2 Firestop Sleeves	#3 Hollow Sleeves	1" - 2"	10
HFPE3	#3 Firestop Sleeves	#4 Hollow Sleeves	1-1/4" - 3"	10
HFPE4	#4 Firestop Sleeves	#5 Hollow Sleeves	2 1/2"- 4"	10
HFPE6	#6 Firestop Sleeves	#7 Hollow Sleeves	4" - 6"	2



HoldRite® HydroFlame™ Pro Series Water Module

- Provides added water protection for HoldRite HydroFlame Pro Series Sleeves
- · Prevents debris from falling into annular space around piping
- · Pre-installed prior to concrete pour
- · Available for all HoldRite HydroFlame Pro Series Sleeve sizes
- Adds 1/2" to the overall height of pro series sleeves
- Accepts safety cap and other HoldRite HydroFlame Pro Series accessories
- · UL W-Rated seal, water-tight for most penetrants

Туре	UL Rating	Status
Water	W*	✓

Model Number	Fits Firestop Sleeves	Fits Hollow Sleeves	Nominal Penetrant Size	Box Qty
HFPWM1	#1 Firestop Sleeves	#2 Hollow Sleeves	1/2" - 1"	5
HFPWM2	#2 Firestop Sleeves	#3 Hollow Sleeves	1-1/4" - 2"	5
HFPWM3	#3 Firestop Sleeves	#4 Hollow Sleeves	2" - 3"	5
HFPWM4	#4 Firestop Sleeves	#5 Hollow Sleeves	3" - 4"	5
HFPWM6	#6 Firestop Sleeves	#7 Hollow Sleeves	5" - 6"	5

Note: Use of a water module is fully optional and not required to obtain a W-rating. The mid-body seal in standard HydroFlame Pro series sleeves already provides a UL W-rating.



Cut inner and outer sleeve if desired height is under 8"



Lock outer sleeve in place



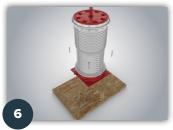
Remove cap



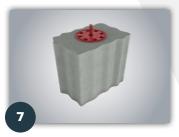
Install water module assembly



Re-install cap & insert whiskers



Install to form deck



Pour concrete to top of sleeve



Water Dams

- Adds 2" of overall height to the HoldRite HydroFlame Pro Series Sleeve
- Load-rated for riser clamp support see product spec sheet
- · Installed after concrete pour and safety cap removal
- Impedes water when used with cast-in-place sleeves
- Screws onto HoldRite HydroFlame Pro Series telescoping sleeves or water modules

Model Number	Fits Firestop Sleeves	Fits Hollow Sleeves	Nominal Penetrant Size	Box Qty
HFPWD1	#1 Firestop Sleeves	#2 Hollow Sleeves	1/4" - 1-1/4"	5
HFPWD2	#2 Firestop Sleeves	#3 Hollow Sleeves	1" - 2"	5
HFPWD3	#3 Firestop Sleeves	#4 Hollow Sleeves	1-1/4" - 3"	5
HFPWD4	#4 Firestop Sleeves	#5 Hollow Sleeves	2 1/2"- 4"	5
HFPWD6	#6 Firestop Sleeves	#7 Hollow Sleeves	4" - 6"	5



Remove cap with Safety Cap Tool or break out with hammer



Install 2" Water Dam, add threaded sealant if desired



Install pipe



Tub Boxes

- · UL Listed firestop device for bathtub drains
- · 3 hour F-Rating
- · Built-in fire, smoke and gas protection
- · Provides a water tight slab penetration
- Accepts 1-1/2" PVC, ABS, and brass drain pipes using appropriate seal plug (provided with HFPTB-TW-0200)
- · Allows for expansion, contraction and movement
- · UL W-Rated water seal
- Built at 10 3/4" tall
- · Height can be modified in the field



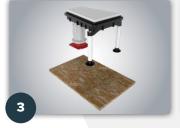
Model Number	Penetrating Pipe Type	Nominal Penetrant Size	Box Qty
HFPTB-TW-0200	1-1/2" Thin Wall Drain	1-1/2" O.D.	5
HFPTB-NP-0200	1-1/2" Nominal Pipe Size Drain	1-1/2" IPS	5
HFPTB-1.5NP	Plastic and Metal	1-1/2" IPS	10



Attach sleeve to Tub Box



Install rear legs (cut to height)



Nail tub box to form deck



Pour concrete to top of tub box



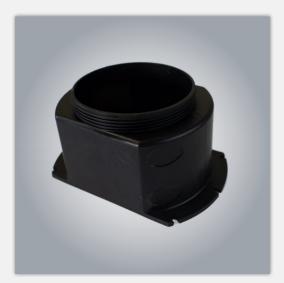
Remove styrofoam & "knock out plug"



Slide rubber donut onto drain pipe & insert assembly through hole (Donut only required on "tw"model)

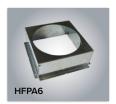
Туре	UL Rating	Status
Water	w	✓
Smoke/Gas	L	✓
Fire	F	✓
Thermal	T*	✓

^{*}T-Rating when penetrant is non-metallic



Aerator Adapter

- Provides a recess in the underside of the concrete floor, for fitting access
- Available for use with 2", 3", 4" & 6" HoldRite HydroFlame Pro Series Sleeve
- For use in concrete floors as thin as 5-1/2"
- · Ideal for Sovent and other high and tight fitting joint access



Model Number	Fits Firestop Sleeves	Fits Hollow Sleeves	Nominal Penetrant Size	Height	Box Qty	Prox. Footprint
HFPA2	#2 Firestop Sleeves	#3 Hollow Sleeves	1/4" - 2"	2 5/8"	10	4" x 6 1/8"
HFPA3	#3 Firestop Sleeves	#4 Hollow Sleeves	1-1/4" - 3"	2 5/8"	10	6" x 6 %"
HFPA4	#4 Firestop Sleeves	#5 Hollow Sleeves	2-1/2" - 4"	4"	10	6" x 8 ³ / ₄ "
HFPA6	#6 Firestop Sleeves	#7 Hollow Sleeves	4" - 6"	3 1/2"	2	10" × 10"



Cut inner and outer sleeve as needed, to account for Aerator Adaptor Box height



Lock outer sleeve in place



Re-install cap & insert whiskers



Install Aerator Adapter Box

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Nail to form deck



Pour concrete to top of sleeve



HoldRite® HydroFlame™ Pro Series Shower Drain Sleeve

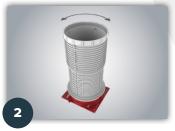
- · UL Listed firestop device 3 hour F-Rating
- For 2" shower/floor drains (Drain Not Included)
- · Allows for a recessed drain body in shower pans and shower stalls
- · Accepts plastic drain piping
- Adjustable height sleeve up to 14 ¾" slab height
- · Extensions available

Туре	UL Rating	Status
Water	w	✓
Smoke/Gas	L	✓
Fire	F	✓

Model Number	Penetrating Pipe Type	Nominal Penetrant Size	Box Qty
HFP-SH2-DRN	Plastic	2"	6
HFP-SH3-DRN	Plastic	2" or 3"	6



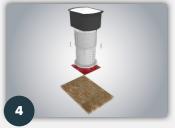
Cut inner and outer sleeve as needed



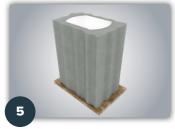
Lock outer sleeve in place



Install Aerator Adapter Box "Inverted"



Nail to form deck



Pour concrete to top of Aerator Adapter Box



Install assembled shower pan or shower stall & shower drain with piping

HoldRite® HydroFlame™ Custom Built Shower Drain Sleeves



- UL Listed firestop device
- Built-in fire protection
- · Provides a fast and strong drain support
- For use with 2" PVC drains (drain body and riser pipe not included)
- Glue 2" PVC pipe into bottom of sleeve base

Туре	UL Rating	Status
Fire	F	✓

Model #	Pipe Type(s)	Pipe O.D.	Nominal Pipe Size
PS-SD-0200	PVC, ccPVC & ABS	2.375"	2"



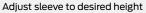
HoldRite® HydroFlame™ Pro Series Cast Iron Drain Sleeves

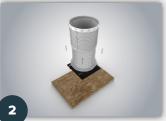
- UL Listed firestop device
- · For no-hub cast iron drains and piping
- Mount drain body on top of sleeve and secure to deck
- For cast-in-place drains (Drain Not Included)
- · For Neo-Lock style drain outlets
- · Extensions available

Type	UL Rating	Status
Fire	F	✓

Model Number	Penetrating Pipe Type	Nominal Penetrant Size	Box Qty
HFP-2CI-DRN	Hubless Cast Iron	2"	10
HFP-23CI-DRN	Hubless Cast Iron	2" - 3"	10
HFP-34CI-DRN	Hubless Cast Iron	3" - 4"	10
HFP-6CI-DRN	Hubless Cast Iron	6"	2







Secure sleeve to form deck (shown with extension)



Set drain on top of sleeve



Pour concrete

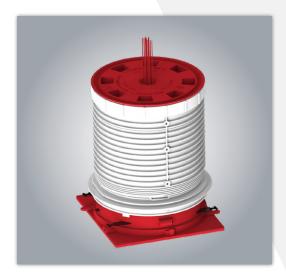
HoldRite® HydroFlame™ Custom Built Floor Drain Kit



- · Mid-body seal provides water-tight penetration
- UL Listed firestop device
- · Simple and strong drain support stand during concrete pour
- Available for 2", 3", and 4" Neo-lock style cast iron drain bodies (drain not included)

Туре	UL Rating	Status
Water	w	✓
Smoke/Gas	L	✓
Fire	F	✓

Model #	Penetrating Pipe Type(s)	Pipe O.D.	Nominal Penetrant Size
HM-DK-0200	Cast Iron	N/A	2"
HM-DK-0300	Cast Iron	N/A	3"
HM-DK-0400	Cast Iron	N/A	4"



Cable & Line-Set Sleeves

- UL Listed firestop device 2-3 hour F-Rating
- Accepts multiple data, phone, electrical cables, fiber cables, coax, refrigeration line-sets
- · Accepts cable fill up to 45%
- · Accepts multiple tubing-water lines, etc.
- · Some models are height adjustable
- · Extensions also available

Туре	UL Rating	Status	
Water	W*	✓	
Smoke/Gas	L	✓	
Fire	F	✓	
Thermal	T*	✓	

*T-Rating when penetrant is non-metallic *W-Rated when used with silicone sealant

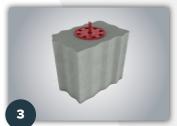
Model Number	Penetrating Pipe Type	Nominal Penetrant Size	Box Qty
HFP-CSM2	Cables	45% fill max	10
HFP-CSM3	Cables	45% fill max	10
HFP-CSM2B	Cables	45% fill max	10
HFP-CSM3B	Cables	45% fill max	10
HFP-LSP3	Line-sets and multiple pipes	Various, including insulation	10
HFP-LSP3B	Line-sets and multiple pipes	Various, including insulation	10



Adjust sleeve to desired height



Secure sleeve to form deck, with cap installed



Pour concrete



Remove safety cap



Insert cable(s)



Install mineral wool & caulk



Closet Flange Sleeves

- · UL Listed firestop device 3 hour F-Rating
- Models for 3" or 4" toilet flanges (Flanges Not Included)
- · For both plastic and no-hub cast iron drain piping
- · Mid-body seal provides water-tight penetration
- · Adjustable height sleeve up to 12"
- Extensions are available for slabs over 12"

Туре	UL Rating	Status
Water	w	✓
Smoke/Gas	L	✓
Fire	F	✓
Thermal	T*	✓



OPS-PL40-0300 (Closet Flange Not Included)

*T-Rating when penetrant is non-metallic

Model Number	Penetrating Pipe Type	Nominal Penetrant Size	Box Qty
HFP-CF3PL	Plastic or Cast Iron	3"	10
HFP-CF4PL	Plastic or Cast Iron	3" - 4"	10
HFP-CF3NH	Cast Iron	3"	10
HFP-CF4NH	Cast Iron	3" - 4"	10
OPS-PL40-0300	4" x 3" Plastic Closet Flange	3"	N/A



Remove cap with Safety Cap Tool or break out with hammer



Insert plastic or cast iron Closet Flange and pipe



Attach Closet Flange to floor

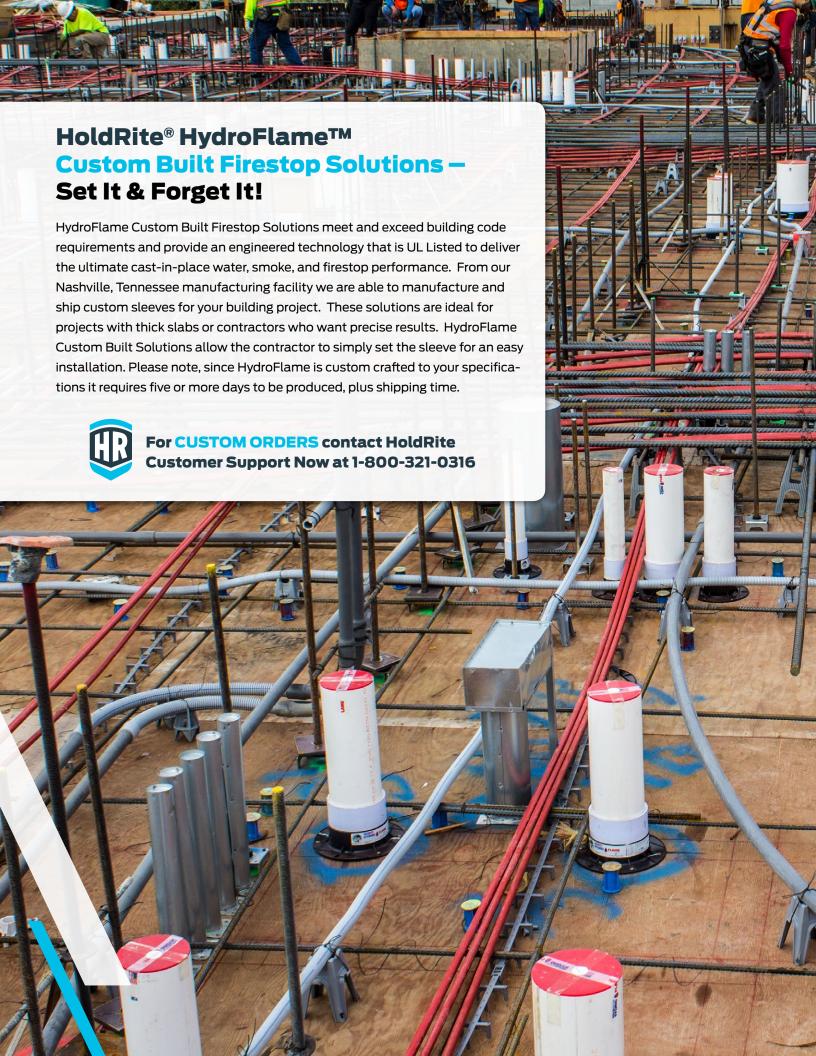


HoldRite® HydroFlame™ Pro Series Safety Cap Tool

- · Easy to use forged steel, nickel plated, hand tool
- · For removal of HoldRite HydroFlame Pro Series Safety Caps
- Multi-purpose wrench works with all sizes of the HoldRite HydroFlame Pro Series Safety Caps
- · Use manually, or strike with a hammer

Model Number	Qty
HFPT For removal of all size safety caps (1" - 6")	1

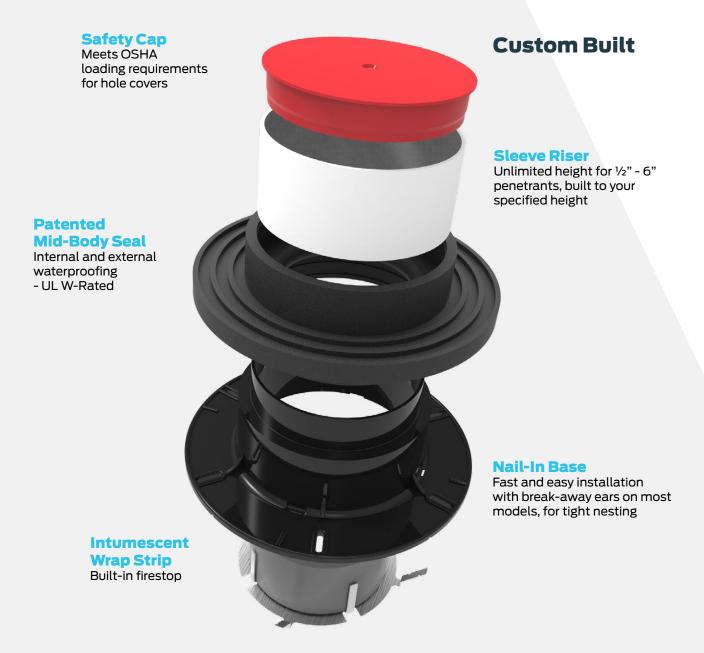






CUSTOM BUILT FIRESTOP SYSTEMS

Flat Form Deck Sleeve Product Configuration*



*Comes pre-assembled to your specified height

HoldRite® HydroFlame™ Custom Built Set It & Forget It



HoldRite® HydroFlame™ Custom Built is also easy to order. Provide the following key information:









Easy Installation

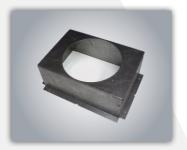
Product & Services Directory



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Corrugated Metal Deck Sleeves Page 54



Aerator Adaptor Box Page 56



Tub Box Page 56



Closet Flange Sleeves (Flange Not Included) Page 56



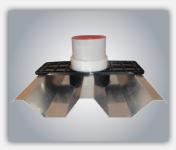
Shower Drain Sleeves (Drain Not Included) Page 57



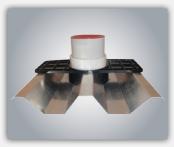
Floor Drain Kit (Drain Not Included) Page 57



Cable and Line Set Sleeves Page 57



Corrugated Deck Optional Pipe Size Concrete Sleeves Page 58



Corrugated Deck Concrete Sleeves (Sleeve Only-No Water Seal) Page 58



Flat Form Deck
Optional Pipe Size Sleeves
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Wood Deck Concrete Sleeves (Sleeve Only, No Water Seal) Page 59



Slab & Wall Seal Sleeves Page 60



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VIP No Charge Services Page 69



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Flat Form Deck Sleeves

- · Mid-body seal provides watertight penetration UL W-Rated
- UL Listed firestop device (2 or 3-hour F-ratings)
- · Built-in water, fire, smoke and gas protection
- · Custom cut to your specified height at no extra cost
- Turn-key installation no job site modifications required
- · Includes OSHA compliant safety cap/hole cover
- · Allows for expansion, contraction and movement
- Available 4½" and taller for ½"-6" piping penetrants
- · Reduces piping system noise transfer by maintaining annular spacing

Model #	Penetrating Pipe Type(s)	Pipe O.D.	Nominal Penetrant Size
PS-NP-0050	PVC, ccPVC, RNC & ABS	.840"	1/2"
PS-NP-0075	PVC, ccPVC, RNC & ABS	1.050"	3/4"
PS-NP-0100	PVC, ccPVC, RNC & ABS	1.315"	1"
PS-NP-0125	PVC, ccPVC, RNC & ABS	1.660"	11/4"
PS-NP-0150	PVC, ccPVC, RNC & ABS	1.900"	1½"
PS-NP-0200	PVC, ccPVC, RNC & ABS	2.375"	2"
PS-NP-0250	PVC, ccPVC, RNC & ABS	2.875"	21/2"
PS-NP-0300	PVC, ccPVC, RNC & ABS	3.50"	3"
PS-NP-0400	PVC, ccPVC, RNC & ABS	4.5"	4"
PS-NP-0600	PVC, ccPVC, RNC & ABS	6.625"	6"
PS-CP-0050	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	.625"	1/2"
PS-CP-0075	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	0.875"	3/4"
PS-CP-0100	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	1.125"	1"
PS-CP-0125	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	1.375"	11/4"
PS-CP-0150	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	1.625"	1½"
PS-CP-0200	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	2.125"	2"
PS-CN-0050	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	.840"	1/2"
PS-CN-0075	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	1.050"	3/4"
PS-CN-0100	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	1.315"	1"
PS-CN-0125	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	1.660"	11/4"
PS-CN-0150	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	1.900"	11/2"
PS-CN-0200	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	2.375"	2"
PS-CN-0250	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	2.875"	2½"
PS-CN-0300	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	3.50"	3"
PS-CN-0400	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	4.5"	4"
PS-CN-0600	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	6.625"	6"
PS-CT-0050	Copper	.625"	1/2"
PS-CT-0075	Copper	0.875"	3/4"
PS-CT-0100	Copper	1.125"	1"
PS-CT-0125	Copper	1.375"	11/4"
PS-CT-0150	Copper	1.625"	11/2"
PS-CT-0200	Copper	2.125"	2"
PS-CT-0250	Copper	2.625"	2½"
PS-CT-0300	Copper	3.125"	3"
PS-CT-0400	Copper	4.125"	4"
PS-CT-0600	Copper	6.125"	6"

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Flat Form Deck Sleeves

Model #	Penetrating Pipe Type(s)	Pipe O.D.	Nominal Penetrant Size
PS-CH-0200	Cast Iron - Extra Heavy	2.38"	2"
PS-CH-0300	Cast Iron - Extra Heavy	3.50"	3"
PS-CH-0400	Cast Iron - Extra Heavy	4.50"	4"
PS-CI-0150	Cast Iron - Service Weight	1.90"	11/2"
PS-CI-0200	Cast Iron - Service Weight	2.30"	2"
PS-CI-0300	Cast Iron - Service Weight	3.30"	3"
PS-CI-0400	Cast Iron - Service Weight	4.30"	4"
PS-CI-0600	Cast Iron - Service Weight	6.30"	6"
PS-CX-0150	Cast Iron - Hubless	1.90"	11/2"
PS-CX-0200	Cast Iron - Hubless	2.35"	2"
PS-CX-0300	Cast Iron - Hubless	3.35"	3"
PS-CX-0400	Cast Iron - Hubless	4.38"	4"
PS-CX-0500	Cast Iron - Hubless	5.30"	5"
PS-CX-0600	Cast Iron - Hubless	6.30"	6"
PS-ST-0050	Steel	.840"	1/2"
PS-ST-0075	Steel	1.050"	3/4"
PS-ST-0100	Steel	1.315"	1"
PS-ST-0125	Steel	1.660"	11⁄4"
PS-ST-0150	Steel	1.900"	11⁄2"
PS-ST-0200	Steel	2.375"	2"
PS-ST-0250	Steel	2.875"	21/2"
PS-ST-0300	Steel	3.50"	3"
PS-ST-0400	Steel	4.5"	4"
PS-ST-0600	Steel	6.625"	6"
PS-ET-0050	EMT	0.706"	1/2"
PS-ET-0075	EMT	0.922"	3/4"
PS-ET-0100	EMT	1.163"	1"
PS-ET-0125	EMT	1.51"	11/4"
PS-ET-0150	EMT	1.74"	11/2"
PS-ET-0200	EMT	2.197"	2"
PS-ET-0250	EMT	2.875"	21/2"
PS-ET-0300	EMT	3.5"	3"
PS-ET-0400	EMT	4.5"	4"

Suffix - "W" added to the model number provides for a 2" high water dam.

Easy Installation: 3 Easy Steps







Туре	UL Rating	Status
Water	w	✓
Smoke/Gas	L	✓
Fire	F	✓
Thermal	т	✓

T-rating when penetrant is non-metallic



HoldRite® HydroFlame™ Custom Built Corrugated Metal Form Deck Sleeves

- · Mid-body seal provides watertight penetration UL W-Rated
- UL Listed firestop device
- One-piece construction no parts, pieces or field modifications necessary
- Built-in water, fire, smoke and gas protection
- · Custom cut to your specified height at no extra cost
- Includes OSHA compliant safety cap/hole cover
- · Allows for expansion, contraction and movement
- · Available 21/2" and taller for 1/2"-6" piping

Model #	Penetrating Pipe Type(s)	Pipe O.D.	Nominal Penetrant Size
CD-NP-0050	PVC, ccPVC, RNC & ABS	.840"	1/2"
CD-NP-0075	PVC, ccPVC, RNC & ABS	1.050"	3/4"
CD-NP-0100	PVC, ccPVC, RNC & ABS	1.315"	1"
CD-NP-0125	PVC, ccPVC, RNC & ABS	1.660"	11⁄4"
CD-NP-0150	PVC, ccPVC, RNC & ABS	1.900"	11/2"
CD-NP-0200	PVC, ccPVC, RNC & ABS	2.375"	2"
CD-NP-0250	PVC, ccPVC, RNC & ABS	2.875"	2½"
CD-NP-0300	PVC, ccPVC, RNC & ABS	3.50"	3"
CD-NP-0400	PVC, ccPVC, RNC & ABS	4.5"	4"
CD-NP-0600	PVC, ccPVC, RNC & ABS	6.625"	6"
CD-CP-0050	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	.625"	1/2"
CD-CP-0075	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	0.875"	3/4"
CD-CP-0100	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	1.125"	1"
CD-CP-0125	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	1.375"	11/4"
CD-CP-0150	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	1.625"	11/2"
CD-CP-0200	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	2.125"	2"
CD-CN-0050	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	.840"	1/2"
CD-CN-0075	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	1.050"	3/4"
CD-CN-0100	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	1.315"	1"
CD-CN-0125	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	1.660"	11/4"
CD-CN-0150	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	1.900"	11/2"
CD-CN-0200	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	2.375"	2"
CD-CN-0250	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	2.875"	2½"
CD-CN-0300	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	3.50"	3"
CD-CN-0400	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	4.5"	4"
CD-CN-0600	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	6.625"	6"
CD-CT-0050	Copper	.625"	1/2"
CD-CT-0075	Copper	0.875"	3/4"
CD-CT-0100	Copper	1.125"	1"
CD-CT-0125	Copper	1.375"	11/4"
CD-CT-0150	Copper	1.625"	11/2"
CD-CT-0200	Copper	2.125"	2"
CD-CT-0250	Copper	2.625"	2½"
CD-CT-0300	Copper	3.125"	3"
CD-CT-0400	Copper	4.125"	4"
CD-CT-0600	Copper	6.125"	6"

Corrugated Metal Form Deck Sleeves

Model #	Penetrating Pipe Type(s)	Pipe O.D.	Nominal Penetrant Size
CD-CH-0200	Cast Iron - Extra Heavy	2.38"	2"
CD-CH-0300	Cast Iron - Extra Heavy	3.50"	3"
CD-CH-0400	Cast Iron - Extra Heavy	4.50"	4"
CD-CI-0150	Cast Iron - Service Weight	1.90"	1½"
CD-CI-0200	Cast Iron - Service Weight	2.30"	2"
CD-CI-0300	Cast Iron - Service Weight	3.30"	3"
CD-CI-0400	Cast Iron - Service Weight	4.30"	4"
CD-CI-0600	Cast Iron - Service Weight	6.30"	6"
CD-CX-0150	Cast Iron - Hubless	1.90"	11/2"
CD-CX-0200	Cast Iron - Hubless	2.35"	2"
CD-CX-0300	Cast Iron - Hubless	3.35"	3"
CD-CX-0400	Cast Iron - Hubless	4.38"	4"
CD-CX-0500	Cast Iron - Hubless	5.30"	5"
CD-CX-0600	Cast Iron - Hubless	6.30"	6"
CD-ST-0050	Steel	.840"	1/2"
CD-ST-0075	Steel	1.050"	3/4"
CD-ST-0100	Steel	1.315"	1"
CD-ST-0125	Steel	1.660"	11/4"
CD-ST-0150	Steel	1.900"	11/2"
CD-ST-0200	Steel	2.375"	2"
CD-ST-0250	Steel	2.875"	2½"
CD-ST-0300	Steel	3.50"	3"
CD-ST-0400	Steel	4.5"	4"
CD-ST-0600	Steel	6.625"	6"
CD-ET-0050	EMT	0.706"	1/2"
CD-ET-0075	EMT	0.922"	3/4"
CD-ET-0100	EMT	1.163"	1"
CD-ET-0125	EMT	1.51"	11/4"
CD-ET-0150	EMT	1.74"	11/2"
CD-ET-0200	EMT	2.197"	2"
CD-ET-0250	EMT	2.875"	21/2"
CD-ET-0300	EMT	3.5"	3"
CD-ET-0400	EMT	4.5"	4"

Suffix - "W" added to the model number provides for a 2" high water dam.

Easy Installation: 3 Easy Steps



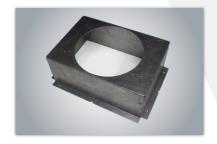




Туре	UL Rating	Status
Water	w	✓
Smoke/Gas	L	✓
Fire	F	✓
Thermal	т	✓

T-rating when penetrant is non-metallic

HoldRite® HydroFlame™ Custom Built Aerator Adapter Box



- · Provides a recess in under side of slab for fitting access
- · Accepts 3", 4" and 6" HydroFlame sleeves
- 31/2" tall box
- · For 8" or thicker concrete floors
- Ideal for Sovent® and other high and tight fitting joint access

Model #	Pipe Type(s)	Nominal Penetrant Size
AA-0304	PVC, ABS, No-Hub Cast Iron	3" or 4"
AA-06	PVC, ABS, No-Hub Cast Iron	6"

HoldRite® HydroFlame™ Custom Built Tub Box



- · Provides for a watertight slab penetration
- · UL Listed firestop device
- · Built-in water, fire, smoke and gas protection
- Strong and simple installation no need for fire caulking or mineral wool
- Device accepts PVC, ABS and brass drain pipes using the appropriate seal plug provided
- · Allows for expansion, contraction and movement

Model #	Penetrating Pipe Type(s)	Pipe O.D.	Nominal Penetrant Size
TB-NP-0200	Sch.40 Bath Drains	1.9"	1½"
TB-TW-0200	Thin Wall & Brass Bath Drains	1.5"	1½"

*Add (-4) for 4" Styrofoam foam pad.

HoldRite® HydroFlame™ Custom Built Closet Flange Sleeves

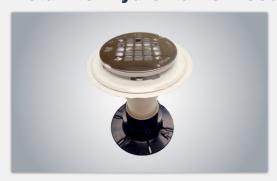


- · Mid-body seal provides watertight penetration
- · UL Listed firestop device
- Strong and simple installation for 3" and 4" flanges (closet flange not included)
- Device accepts PVC, ABS or no-hub closet flanges
- · Built-in water, fire, smoke and gas protection
- · Specify closet flange type when ordering

Model #	Penetrating Pipe Type(s)	Pipe O.D.	Nominal Penetrant Size
PS-NPCF-0300	PVC, ccPVC & ABS	3.5"	3"
PS-NPCF-0400	PVC, ccPVC & ABS	4.5"	4"
PS-CICF-0300	Cast Iron - Service Weight	3.30"	3"
PS-CICF-0400	Cast Iron - Service Weight	4.30"	4"
PS-CXCF-0300	Cast Iron - Hubless	3.35"	3"
PS-CXCF-0400	Cast Iron - Hubless	4.38"	4"
OPS-PL40-0300	*PVC 4x3 Closet Flange	3.5"	3"

^{*}Sleeve is made with 4" schedule 40 PVC to accept a 4x3 closet flange glued to riser.

HoldRite® HydroFlame™ Custom Built Shower Drain Sleeves



- · UL Listed firestop device
- · Built-in fire protection
- · Provides a fast and strong drain support
- For use with 2" PVC drains (drain body and riser pipe not included)
- Glue 2" PVC pipe into bottom of sleeve base

Model #	Pipe Type(s)	Pipe O.D.	Nominal Pipe Size
PS-SD-0200	PVC, ccPVC & ABS	2.375"	2"

HoldRite® HydroFlame™ Custom Built Floor Drain Kit



- · Mid-body seal provides watertight penetration
- · UL Listed firestop device
- · Simple and strong drain support stand during concrete pour
- Available for 2", 3", and 4" Neo-lock style cast iron drain bodies (drain not included)

Model #	Penetrating Pipe Type(s)	Pipe O.D.	Nominal Penetrant Size
HM-DK-0200	Cast Iron	N/A	2"
HM-DK-0300	Cast Iron	N/A	3"
HM-DK-0400	Cast Iron	N/A	4"

HoldRite® HydroFlame™ Custom Built Cable & "Line Set" Sleeves



- · UL Listed firestop device
- Device accepts multiple data, phone, electrical, fiber cables and refrigeration line sets
- · Custom cut to your specified height at no extra cost
- Includes OSHA compliant safety cap/hole cover

Model #	Penetrating Pipe Type(s)	Pipe O.D.	Nominal Penetrant Size
PS-LS-0300	Line Sets	3.75"	Up to 3"
PS-CS-0200	Cable(s)	2.625"	Up to 2"
PS-CS-0300	Cable(s)	3.75"	Up to 3"

Suffix - "W" added to the model number provides for a water dam.

Corrugated Deck Optional Pipe Size Concrete Sleeves



- UL Listed firestop device
- · Built-in fire protection
- · Custom cut to your specified height at no extra cost
- Each sleeve accepts a range of pipe sizes between ½" and 6": ½"-1", 1½"-2", 2½"-3", 3"-4" or 5"-6"
- · Includes OSHA compliant safety cap/hole cover
- · Allows for movement and off-center piping
- · Reduced time to dry floors and finish building
- · Water-Resistant Mid-Body Seal

Model #	Penetrating Pipe Type(s)	Nominal Penetrant Size
CD-OPS-PL-0100	1/2 to 1 Inch Plastic and Metal Pipes	1/2" - 1"
CD-OPS-PL-0200	11/4 to 2 Inch Plastic and Metal Pipes	11⁄4" - 2"
CD-OPS-PL-0300	2½ to 3 Inch Plastic and Metal Pipes	2" - 3"
CD-OPS-PL-0400	3 to 4 Inch Plastic and Metal Pipes	3" - 4"
CD-OPS-PL-0600	5 to 6 Inch Plastic and Metal Pipes	5" - 6"
CD-OPS-MT-0100	½ to 1 Inch Metal Pipes	1/2" - 1"
CD-OPS-MT-0200	11/4 to 2 Inch Metal Pipes	11⁄4" - 2"
CD-OPS-MT-0300	2½ to 3 Inch Metal Pipes	2" - 3"
CD-OPS-MT-0400	4 Inch Metal Pipes	3" - 4"
CD-OPS-MT-0600	5 to 6 Inch Metal Pipes	5" - 6"

Suffix - "W" added to the model number provides for a water dam.

HoldRite® HydroFlame™ Custom Built

Corrugated Deck Concrete Sleeves (Sleeve Only - No Water Seal)



- · Fast, simple concrete sleeve for corrugated decks
- · Custom cut to your specified height at no extra cost
- · Includes OSHA compliant safety cap/hole cover
- 1¼" 8" sleeves available
- · No field assembly required
- · UL Listed sleeve (firestopping by others)

Model #	Penetrating Pipe Type(s)	Hollow Sleeve I.D.	Nominal Sleeve Riser Size
CD-0125	1/4"-3/4" - All types	1.53"	11/4"
CD-0200	1/4"-11/4" - All types	2.19"	2"
CD-0300	1"-2" - All types	3.33"	3"
CD-0400	11/4"-3" - All types	4.28"	4"
CD-0500	21/2"-4" - All types	5.22"	5"
CD-0600	3"-5" - All types	6.22"	6"
CD-0800	4"-6" - All types	8.21"	8"

Suffix - "W" added to the model number provides for a water dam.

Flat Form Deck Optional Pipe Size Sleeves



- UL Listed firestop device
- Interior mid-body seal provides water resistant penetration
- Built-in fire protection
- · Custom cut to your specified height at no extra cost
- Each sleeve accepts a range of pipe sizes between ½" and 6": ½"-1", 1¼"-2", 2½"-3", 3"-4" or 5"-6"
- Includes OSHA compliant safety cap/hole cover
- Allows for movement and off-center piping
- · Reduced time to dry floors and finish building

Model #	Penetrating Pipe Type(s)	Pipe O.D.	Nominal Penetrant Size
OPS-PL-0100	½ to 1 Inch Plastic and Metal Pipes	.625"-1.5"	1/2"-1"
OPS-PL-0200	11/4 to 2 Inch Plastic and Metal Pipes	1.375"-2.5"	1-1/4"-2"
OPS-PL-0300	2½ to 3 Inch Plastic and Metal Pipes	2.625"-3.5"	2"-3"
OPS-PL40-0300	*Glue in a 4x3 PVC Closet Flange	3.5"	3"
OPS-PL-0400	3 - 4 Inch Plastic Plastic and Metal Pipes	3.125"-4.5"	3"-4"
OPS-PL-0600	5 to 6 Inch Plastic Plastic and Metal Pipes	5.125"-6.625"	5"-6"
OPS-MT-0100	½ to 1 Inch Metal Pipes	.625"-1.5"	1/2"-1"
OPS-MT-0200	1¼ to 2 Inch Metal Pipes	1.375"-2.5"	1-1/4"-2"
OPS-MT-0300	2½ to 3 Inch Metal Pipes	2.625"-3.5"	2"-3"
OPS-MT-0400	4 Inch Metal Pipes	4.125"-4.5"	3" -4"
OPS-MT-0600	5 to 6 Inch Metal Pipes	5.125"-6.625"	5"-6"

Suffix - "W" added to the model number provides for a water dam.

HoldRite® HydroFlame™ Custom Built

Wood Deck Concrete Sleeves (Sleeve Only - No Water Seal)



- · Fast, simple concrete sleeve for flat form decks
- Custom cut to your specified height at no extra cost
- · Includes OSHA compliant safety cap/hole cover
- 1¼" 8" sleeves available
- No field assembly required
- UL Listed sleeve (firestopping by others)

Model #	Penetrating Pipe Type(s)	Hollow Sleeve I.D.	Nominal Sleeve Riser Size
WD-0125	1/4"-3/4" - All types	1.53"	11/4"
WD-0200	1/4" - 11/4" - All types	2.19"	2"
WD-0300	1"-2" - All types	3.33"	3"
WD-0400	1¼"-3" - All types	4.28"	4"
WD-0500	2½"-4" - All types	5.22"	5"
WD-0600	3"-5" - All types	6.22"	6"
WD-0800	4"-6" - All types	8.21"	8"

Suffix - "W" added to the model number provides for a water dam.

^{*}Sleeve is made with 4" schedule 40 PVC to accept a 4x3 closet flange glued to riser.

HoldRite® HydroFlame™ Custom Built Slab & Wall Seal Sleeves



- · Mid-body seal provides watertight penetration
- Watertight seal helps protect property against water intrusion, mold, insects/termites, methane and radon gas
- · Allows for expansion, contraction and movement
- Available for 1/2"-6" pipes and conduits
- Custom cut to your specified length (specify length when ordering)
- · For use through walls and slab-on-grade conditions, up to 36" deep
- Mid-body seal also available separately
- · UL W-Rated protection

Model #	Penetrating Pipe Type(s)	Pipe O.D.	Nominal Penetrant Size
HP-NP-0050	PVC, ccPVC, RNC & ABS	.840"	1/2"
HP-NP-0075	PVC, ccPVC, RNC & ABS	1.050"	3/4"
HP-NP-0100	PVC, ccPVC, RNC & ABS	1.315"	1"
HP-NP-0125	PVC, ccPVC, RNC & ABS	1.660"	11/4"
HP-NP-0150	PVC, ccPVC, RNC & ABS	1.900"	11/2"
HP-NP-0200	PVC, ccPVC, RNC & ABS	2.375"	2"
HP-NP-0250	PVC, ccPVC, RNC & ABS	2.875"	21/2"
HP-NP-0300	PVC, ccPVC, RNC & ABS	3.50"	3"
HP-NP-0400	PVC, ccPVC, RNC & ABS	4.5"	4"
HP-NP-0600	PVC, ccPVC, RNC & ABS	6.625"	6"
HP-CP-0050	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	.625"	1/2"
HP-CP-0075	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	0.875"	3/4"
HP-CP-0100	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	1.125"	1"
HP-CP-0125	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	1.375"	11/4"
HP-CP-0150	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	1.625"	11/2"
HP-CP-0200	CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX	2.125"	2"
HP-CN-0050	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	.840"	1/2"
HP-CN-0075	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	1.050"	3/4"
HP-CN-0100	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	1.315"	1"
HP-CN-0125	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	1.660"	11/4"
HP-CN-0150	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	1.900"	11/2"
HP-CN-0200	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	2.375"	2"
HP-CN-0250	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	2.875"	21/2"
HP-CN-0300	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	3.50"	3"
HP-CN-0400	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	4.5"	4"
HP-CN-0600	CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80)	6.625"	6"
HP-CT-0050	Copper	.625"	1/2"
HP-CT-0075	Copper	0.875"	3/4"
HP-CT-0100	Copper	1.125"	1"
HP-CT-0125	Copper	1.375"	11/4"
HP-CT-0150	Copper	1.625"	11/2"
HP-CT-0200	Copper	2.125"	2"
HP-CT-0250	Copper	2.625"	2½"
HP-CT-0300	Copper	3.125"	3"
HP-CT-0400	Copper	4.125"	4"
HP-CT-0600	Copper	6.125"	6"

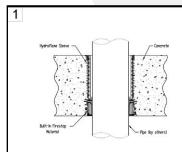
HoldRite® HydroFlame™ Custom Built Slab & Wall Seal Sleeves

Model #	Penetrating Pipe Type(s)	Pipe O.D.	Nominal Penetrant Size
HP-CH-0200	Cast Iron - Extra Heavy	2.38"	2"
HP-CH-0300	Cast Iron - Extra Heavy	3.50"	3"
HP-CH-0400	Cast Iron - Extra Heavy	4.50"	4"
HP-CI-0150	Cast Iron - Service Weight	1.90"	11/2"
HP-CI-0200	Cast Iron - Service Weight	2.30"	2"
HP-CI-0300	Cast Iron - Service Weight	3.30"	3"
HP-CI-0400	Cast Iron - Service Weight	4.30"	4"
HP-CI-0600	Cast Iron - Service Weight	6.30"	6"
HP-CX-0150	Cast Iron - Hubless	1.90"	1½"
HP-CX-0200	Cast Iron - Hubless	2.35"	2"
HP-CX-0300	Cast Iron - Hubless	3.35"	3"
HP-CX-0400	Cast Iron - Hubless	4.38"	4"
HP-CX-0500	Cast Iron - Hubless	5.30"	5"
HP-CX-0600	Cast Iron - Hubless	6.30"	6"
HP-ST-0050	Steel	.840"	1/2"
HP-ST-0075	Steel	1.050"	3/4"
HP-ST-0100	Steel	1.315"	1"
HP-ST-0125	Steel	1.660"	11/4"
HP-ST-0150	Steel	1.900"	11/2"
HP-ST-0200	Steel	2.375"	2"
HP-ST-0250	Steel	2.875"	2½"
HP-ST-0300	Steel	3.50"	3"
HP-ST-0400	Steel	4.5"	4"
HP-ST-0600	Steel	6.625"	6"
HP-ET-0050	EMT	0.706"	1/2"
HP-ET-0075	EMT	0.922"	3/4"
HP-ET-0100	EMT	1.163"	1"
HP-ET-0125	EMT	1.51"	11/4"
HP-ET-0150	EMT	1.74"	11/2"
HP-ET-0200	EMT	2.197"	2"
HP-ET-0250	EMT	2.875"	21/2"
HP-ET-0300	EMT	3.5"	3"
HP-ET-0400	EMT	4.5"	4"
Model #	Individual Mid-Body Seals for Pipe Type(s)	Pipe O.D.	Nominal Pipe Size
PS-NPMS-0200	PVC, ABS, IPS, Steel	2.375"	2"
PS-NPMS-0300	PVC, ABS, IPS, Steel	3.50"	3"
PS-NPMS-0400	PVC, ABS, IPS, Steel	4.50"	4"
PS-NPMS-0600	PVC, ABS, IPS, Steel	6.625"	6"



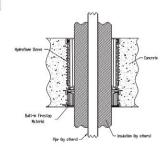
Specifications & VIP Services

HoldRite® HydroFlame™ Pro Series **Installation Details Page**



STANDARD CONCRETE DECK SLEEVE CAST-IN-PLACE SLEEVE

SHOWN WITH HOLDRITE HYDROFLAME PRO SERIES CAST-IN-PLACE FIRESTOP SLEEVE. THIS SLEEVE CAN BE USED FOR A WIDE VARIETY OF PIPE MATERIALS UP TO 6" DIAMETER, DEPENDING ON PIPE TYPE. SEE UL FIRE RESISTANCE DIRECTORY FOR DETAILS



2

7

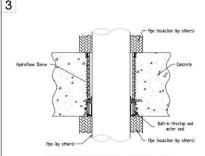
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STANDARD CONCRETE DECK SLEEVE

CAST-IN-PLACE SLEEVE FOR INSULATED PIPES

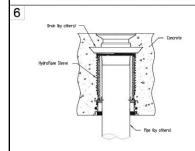
THE HOLDRITE HYDROFLAME PRO SERIES SLEEVE PROVIDES A UL LISTED FIRESTOP SOLUTION. AVAILABLE FOR A VARIETY OF PIPE MATERIALS UP TO 4*DIAMETER, DEPENDING ON PIPE TYPE. SEE UL FIRE RESISTANCE DIRECTORY FOR DETAILS



STANDARD CONCRETE DECK SLEEVE

CAST-IN-PLACE SLEEVE FOR INSULATED PIPES

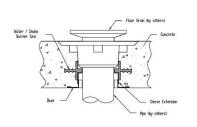
THE HOLDRITE HYDROFLAME PRO SERIES SLEEVE PROVIDES A UL LISTED FIRESTOP SOLUTION. AVAILABLE FOR A VARIETY OF PIPE MATERIALS UP TO 8" DIAMETER, DEPENDING ON PIPE TYPE. SEE UL FIRE RESISTANCE DIRECTORY FOR DETAILS



STANDARD CONCRETE DECK SLEEVE with CAST IRON DRAIN

CAST-IN-PLACE SLEEVE

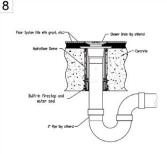
SHOWN WITH HOLDRITE HYDROFLAME PRO SERIES CAST-IN-PLACE FIRESTOP SLEEVE WITH CAST IRON DRAIN KIT. THIS SLEEVE CAN BE USED FOR A WIDE VARIETY OF PIPE MATERIALS UP TO 6" DIAMETER, DEPENDING ON PIPE TYPE. SEE UL FIRE RESIST



FLOOR DRAIN KIT

CAST-IN-PLACE SLEEVE & DRAIN SUPPORT

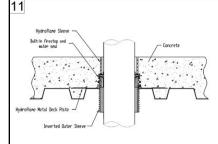
THE HOLDRITE® HYDROFLAME™ FLOOR DRAIN KIT PROVIDES EXCELLENT SUPPORT FOR CAST IRON FLOOR DRAINS ALONG WITH A WATER PROOF SEAL. (2", 3" & 4" NEO LOCK DRAIN BODIES)



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2" PLASTIC FLOOR DRAIN SLEEVE CAST-IN-PLACE FIRESTOP DEVICE

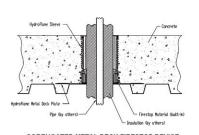
THE HOLDRITE® HYDROFLAME™ PRO SERIES SHOWER DRAIN SLEEVE PROVIDES A UL LISTED FIRESTOP SOLUTION FOR 2" DRAIN BODIES. SEE UL FIRE RESISTANCE DIRECTORY FOR DETAILS. (DRAIN BODY AND PIPES BY OTHERS)



CORRUGATED DECK SLEEVE

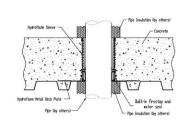
CAST-IN-PLACE SLEEVE

SHOWN WITH HOLDRITE® HYDROFLAME™ PRO SERIES CAST-IN-PLACE FIRESTOP SLEEVE. THIS SLEEVE CAN BE USED FOR A WIDE VARIETY OF PIPE MATERIALS UP TO 6° JOMMETER, DEPENDING ON PIPE TYPE. SEE UL FIRE RESISTANCE DIRECTORY FOR DETAILS.



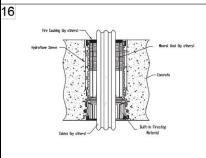
CORRUGATED METAL DECK FIRESTOP DEVICE CAST-IN-PLACE SLEEVE FOR INSULATIED PIPES

THE HOLDRITE® HYDROFLAME™ PRO SERIES SLEEVE.PROVIDES A UL LISTED FIRESTOP SOLUTION. AVAILABLE FOR A VARIETY OF PIPE MATERIALS UP TO 4* DIAMETER, DEPENDING ON PIPE TYPE. SEE UL FIRE RESISTANCE DIRECTORY FOR DETAILS.



CORRUGATED METAL DECK FIRESTOP SLEEVE CAST-IN-PLACE SLEEVE FOR INSULATIED PIPES

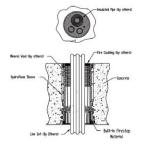
THE HOLDRITE® HYDROFLAME™ PRO SERIES SLEEVE.PROVIDES A UL LISTED FIRESTOP SOLUTION. AVAILABLE FOR A VARIETY OF PIPE MATERIALS UP TO® "DIAMETER, DEPENDING ON PIPE TYPE. SEE UL FIRE RESISTANCE DIRECTORY FOR DETAILS.



CABLE SLEEVE

CAST-IN-PLACE SLEEVE

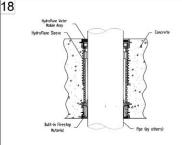
THE HOLDRITE HYDROFLAME PRO SERIES CABLE SLEEVE IS ATTACHED TO A WOOD FORM DECK PRIOR TO POUR AND PROVIDES A UL RATED FIRESTOP SYSTEM SOLUTION WHEN COMBINED WITH MINERAL WOOL PACKING. SEE UL FIRE RESISTANCE DIRECTORY FOR DETAILS



REFRIGERATION LINE-SET SLEEVE OR MULTI-PIPE SLEEVE

CAST-IN-PLACE SLEEVE

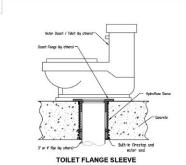
THE HOLDRITE® HYDROFLAME™ PRO SERIES "LINE-SET" FIRESTOP SLEEVE IS A UL LISTED FIRESTOP DEVICE FOR USE WITH LINE-SET IPING AND TUBING OR FOR CABLES PASSING THROUGH A CONCRETE SLAB FLOOR SEE UL FIRE RESISTANCE DIRECTORY FOR DETAILS



STANDARD CONCRETE DECK SLEEVE with WATER MODULE

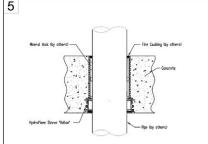
CAST-IN-PLACE SLEEVE

SHOWN WITH HOLDRITE HYDROFLAME PRO SERIES CAST-IN-PLACE FIRESTOP SLEEVE WITH WATER MODULE ASSEMBLY. THIS SLEEVE CAN BE USED FOR A WIDE VARIETYOP PIPE MATERIALS UP TO 8" DIAMETER, DEPENDING ON PIPE TYPE. SEE UL FIRE RESISTANCE DIRECTORY FOR DETAILS



CAST-IN-PLACE SLEEVE

THE HOLDRITE HYDROFLAME PRO SERIES CAST-IN-PLACE SLEEVE PROVIDES A UL LISTED FIRESTOP SOLUTION FOR 3° OR 4° DRAIN PIPE. CLOSET FLANGE NOT INCLUDED. SEE UL FIRE RESISTANCE DIRECTORY FOR DETAILS



CONCRETE SLEEVE FOR WOOD FORM DECK (HOLLOW)

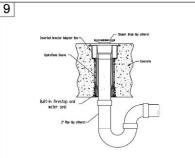
CAST-IN-PLACE SLEEVE

THE HOLDRITE® HYDROFLAME™ PRO SERIES CAST-IN-PLACE SLEEVE ATTACHES TO A WOOD FORM DECK AND PROVIDES A PATHWAY THROUGH A CONCRETE SLAB FOR PIPE, CONDUIT & CABLING. OSHA COMPLIANT SAFETY CAP INCLUDED. SEE UL. FIRE RESISTANCE DIRECTORY FOR DETAILS. FOR 12"-6" PIPING. (FIRESTO BY OTHERS)



Customized installation detail pages can be created upon request.

Visit www.HoldRite.com for individual application drawings.



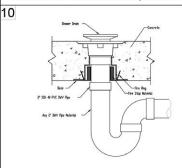
RECESSED SHOWER DRAIN 2" SLEEVE (shower pans / stalls) CAST-IN-PLACE FIRESTOP DEVICE

THE HOLDRITE® HYDROFLAME™ PRO SERIES SHOWER DRAIN SLEEVE PROVIDES A UL LISTED FIRESTOP SOLUTION FOR 2" DRAIN BODIES. SEE UL FIRE RESISTANCE DIRECTORY FOR DETAILS. (DRAIN BODY AND PIPES BY OTHERS)

CONCRETE SLEEVE FOR CORRUGATED METAL DECK (HOLLOW)

CORRUGATED CAST-IN-PLACE SLEEVE

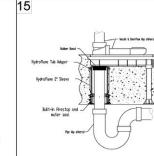
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SHOWER DRAIN 2" SLEEVE

CAST-IN-PLACE FIRESTOP DEVICE

THE HOLDRITE® HYDROFLAME™ SHOWER DRAIN SLEEVE PROVIDES A UL LISTED FIRESTOP SOLUTION FOR 2" PVC DRAIN BODIES. DRAIN BODY AND PIPES BY OTHERS. SEE UL SYSTEM DRAWINGS FOR DETAILS.



TUB ASSEMBLY

CAST-IN-PLACE DEVICE

THE HOLDRITE HYDROFLAME PRO SERIES TUB BOX PROVIDES A UL LISTED FIRESTOP SOLUTION. SEE UL FIRE RESISTANCE DIRECTORY FOR DETAILS



HydroFlame

HOLDRITES

EZ-STRUT™

PEXRITES

LOCKRITE™

TESTRITE™

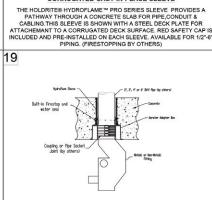
QUIOX.STRAPS

HOLDRITES SILENCER™ SYSTEM

TESTRITES

PROGUARD™

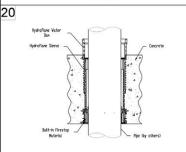
Revision:



AREATOR ADAPTER BOX & SLEEVE

CAST-IN-PLACE SLEEVE

THE HOLDRITE® HYDROFLAME™ PRO SERIES AREATOR BOXES ALLOW FOR CONNECTION OF FITTINGS INSTALLED HIGH AND TIGHT TO A CONCRETE OVERHEAD SLAB ACCEPTS 27,4°, OR 6° SLEVE MOUNTED ON TOP. SEE UL FIRE RESISTANCE DIRECTORY FOR DETAILS.



STANDARD CONCRETE DECK SLEEVE with WATER DAM CAST-IN-PLACE SLEEVE

SHOWN WITH HOLDRITE HYDROFLAME PRO SERIES CAST-IN-PLACE FIRESTOP SLEEVE WITH 2" TALL WATER DAM. THIS SLEEVE CAN BE USED FOR A WIDE VARIETYOF PIPE MATERIALS UP TO 6" DIAMETER, DEPENDING ON PIPE TYPE. SEE UL FIRE RESISTANCE DIRECTORY FOR DETAILS

Contractor:

Project:

Sheet Title: HoldRite® Installation Details HydroFlame Pro Series

Date:

Scale: None

Drawn:

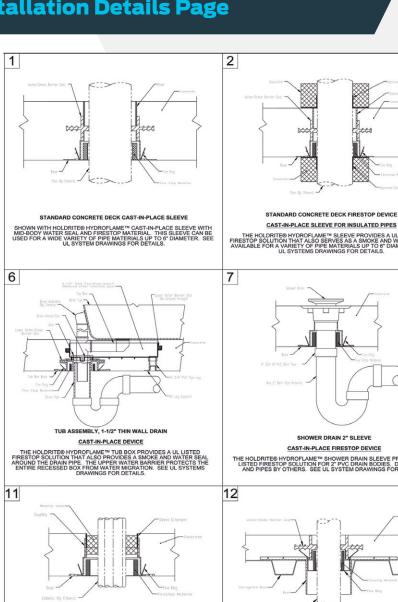
Job #:

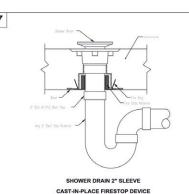
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Your company name and/or logo here

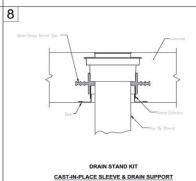
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HoldRite® HydroFlame™ Custom Built **Installation Details Page**





THE HOLDRITE® HYDROFLAME™ SHOWER DRAIN SLEEVE PROVIDES A UL LISTED FIRESTOP SOLUTION FOR 2° PVC DRAIN BODIES. DRAIN BODY AND PIPES BY OTHERS. SEE UL SYSTEM DRAWINGS FOR DETAILS.

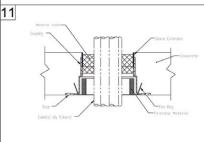


WATER CLOSET FLANGE SLEEVE

CAST-IN-PLACE FIRESTOP DEVICE

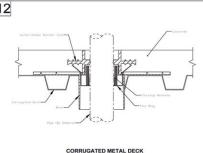
IOLDRITE® HYDROFLAME™ SLEEVE PROVIDES A UL LI OP SOLUTION THAT ALSO SERVES AS A SMOKE AND V AROUND THE 3" OR 4" DRAIN PIPE. CLOSET FLANGE NCLUDED. SEE UL SYSTEMS DRAWINGS FOR DETAILS

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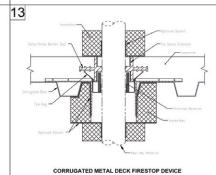


CAST-IN-PLACE DEVICE YDROFLAME™ CABLE SLEEVE IS CK PRIOR TO POUR AND PROVIDI SOLUTION WHEN COMBINED WIT SEE UL SYSTEMS DRAWINGS FOR

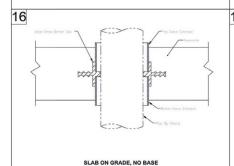
CABLE SLEEVE



CAST-IN-PLACE SLEEVE RITE® HYDROFLAME™ CAST-IN-PLACE SLEEVE WITH GEAL AND FIRESTOP MATERAL. THIS SLEEVE CAN BE ARIETY OF PIPE MATERIALS UP TO 6° DIAMETER. SEE L SYSTEM DRAWINGS FOR DETAILS.

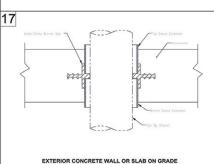


CAST-IN-PLACE SLEEVE FOR INSULATED PIPES OLDRITE® HYDROFLAME™ SLEEVE PROVIDES A UL SOLUTION THAT ALSO SERVES AS A SMOKE AND WA E FOR A VARIETY OF PIPE MATERIALS UP TO & DIAMI UL SYSTEMS DRAWINGS FOR DETAILS.



CAST-IN-PLACE SLEEVE

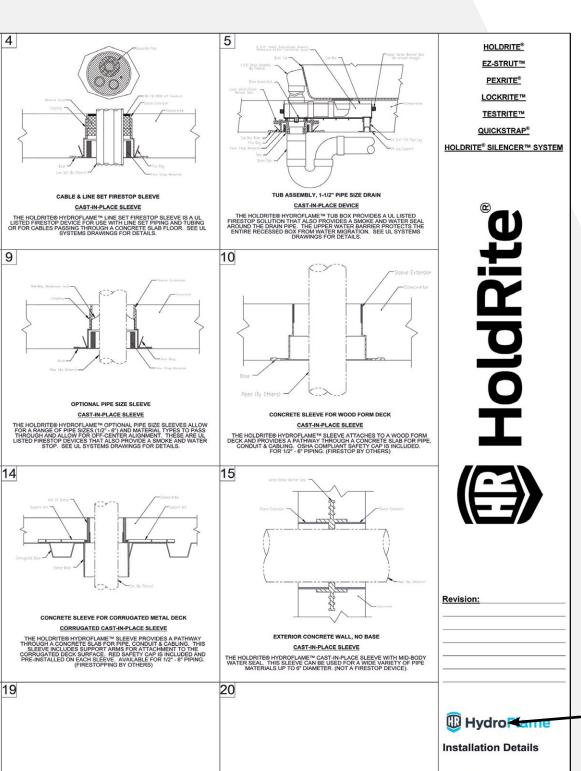
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CAST-IN-PLACE SLEEVE FOR INSULATED PIPES

18

SLAB ON GRADE WATER TIGHT PENETRATION CAST-IN-PLACE SLEEVE





Customized installation detail pages can be created upon request.

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Dec 2009 Scale: None Job #: Sheet #:

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	LABOR COST CALCULATOR										
Ì						Time	Spent				
	\$/Hour	1 minute	2 minutes	3 minutes	4 minutes	5 minutes	6 minutes	7 minutes	8 minutes	9 minutes	10 minutes
	\$10.00	\$0.17	\$0.33	\$0.50	\$0.67	\$0.83	\$1.00	\$1.17	\$1.33	\$1.50	\$1.67
	\$15.00	\$0.25	\$0.50	\$0.75	\$1.00	\$1.25	\$1.50	\$1.75	\$2.00	\$2.25	\$2.50
	\$20.00	\$0.33	\$0.67	\$1.00	\$1.33	\$1.67	\$2.00	\$2.33	\$2.67	\$3.00	\$3.33
	\$25.00	\$0.42	\$0.83	\$1.25	\$1.67	\$2.08	\$2.50	\$2.92	\$3.33	\$3.75	\$4.17
	\$30.00	\$0.50	\$1.00	\$1.50	\$2.00	\$2.50	\$3.00	\$3.50	\$4.00	\$4.50	\$5.00
	\$35.00	\$0.58	\$1.17	\$1.75	\$2.33	\$2.92	\$3.50	\$4.08	\$4.67	\$5.25	\$5.83
(S)	\$40.00	\$0.67	\$1.33	\$2.00	\$2.67	\$3.33	\$4.00	\$4.67	\$5.33	\$6.00	\$6.67
TOTAL COST PER HOUR (\$) (Wage + Over + Benefits + Taxes)	\$45.00	\$0.75	\$1.50	\$2.25	\$3.00	\$3.75	\$4.50	\$5.25	\$6.00	\$6.75	\$7.50
OUF ts +	\$50.00	\$0.83	\$1.67	\$2.50	\$3.33	\$4.17	\$5.00	\$5.83	\$6.67	\$7.50	\$8.33
EH H	\$55.00	\$0.92	\$1.83	\$2.75	\$3.67	\$4.58	\$5.50	\$6.42	\$7.33	\$8.25	\$9.17
H H	\$60.00	\$1.00	\$2.00	\$3.00	\$4.00	\$5.00	\$6.00	\$7.00	\$8.00	\$9.00	\$10.00
yer.	\$65.00	\$1.08	\$2.17	\$3.25	\$4.33	\$5.42	\$6.50	\$7.58	\$8.67	\$9.75	\$10.83
4 +	\$70.00	\$1.17	\$2.33	\$3.50	\$4.67	\$5.83	\$7.00	\$8.17	\$9.33	\$10.50	\$11.67
10T	\$75.00	\$1.25	\$2.50	\$3.75	\$5.00	\$6.25	\$7.50	\$8.75	\$10.00	\$11.25	\$12.50
` ≷	\$80.00	\$1.33	\$2.67	\$4.00	\$5.33	\$6.67	\$8.00	\$9.33	\$10.67	\$12.00	\$13.33
	\$85.00	\$1.42	\$2.83	\$4.25	\$5.67	\$7.08	\$8.50	\$9.92	\$11.33	\$12.75	\$14.17
	\$90.00	\$1.50	\$3.00	\$4.50	\$6.00	\$7.50	\$9.00	\$10.50	\$12.00	\$13.50	\$15.00
	\$95.00	\$1.58	\$3.17	\$4.75	\$6.33	\$7.92	\$9.50	\$11.08	\$12.67	\$14.25	\$15.83
	\$100.00	\$1.67	\$3.33	\$5.00	\$6.67	\$8.33	\$10.00	\$11.67	\$13.33	\$15.00	\$16.67
	\$110.00	\$1.83	\$3.67	\$5.50	\$7.33	\$9.17	\$11.00	\$12.83	\$14.67	\$16.50	\$18.33
	\$120.00	\$2.00	\$4.00	\$6.00	\$8.00	\$10.00	\$12.00	\$14.00	\$16.00	\$18.00	\$20.00
	\$130.00	\$2.17	\$4.33	\$6.50	\$8.67	\$10.83	\$13.00	\$15.17	\$17.33	\$19.50	\$21.67
	\$140.00	\$2.33	\$4.67	\$7.00	\$9.33	\$11.67	\$14.00	\$16.33	\$18.67	\$21.00	\$23.33
	\$150.00	\$2.50	\$5.00	\$7.50	\$10.00	\$12.50	\$15.00	\$17.50	\$20.00	\$22.50	\$25.00

CAD Files

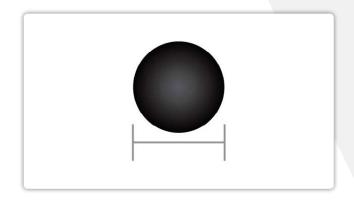
Incorporate HoldRite product drawings directly into your plans. Various formats are available, such as DWG, Revit or PDF. Download CAD files at **HoldRite.com/library/3-d-cad-drawings/.**

HoldRite® HydroFlame™ Online Tools

HydroFlame Deck Hole Penetration Calculator

CORRUGATED SLEEVE

Deck Hole Cutout

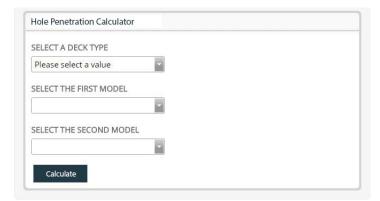


PIPE SIZE	"CUSTOM BUILT" HOLE CUT SIZE	"PRO SERIES" HOLE CUT SIZE
1/2"	3 3/16"	2 3/4"
3/4"	3 7/16"	2 3/4"
1"	3 11/16"	2 3/4"
1 1/4"	4"	4"
1 1/2"	4 1/4"	4"
2"	4 3/4"	4"
2 1/2"	5 1/4"	5"
3"	5 7/8"	5"
4"	6 7/8"	6"
6"	9 7/8"	8 1/4"

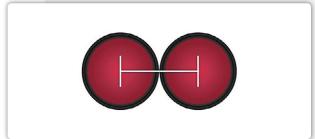
Center to Center Calculator

Use our online calculator:

https://holdrite.com/hydroflame-custom-built-deck-hole-penetration-calculator/



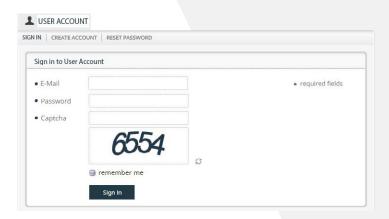


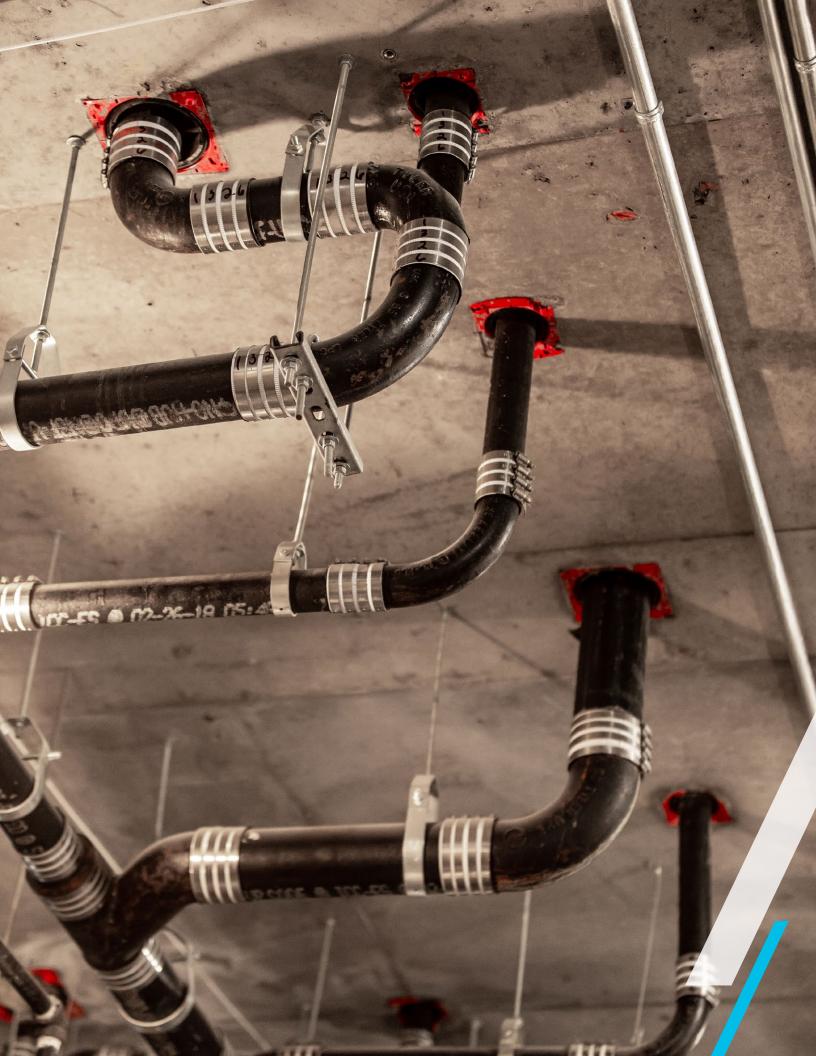


HoldRite HydroFlame Firestop Submittal Generator

HoldRite's HydroFlame Submittal Generator makes compiling a submittal package of HoldRite engineered solutions fast and easy. To get started, simply create a User Account using the short form below, log-in and complete the required fields. Next, select the desired product categories, and click "Generate." A submittal package in .PDF format will be generated instantly and saved in your account.

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Appendix



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SEALANTS, WRAPS, COLLARS & PADS

Model #	Product Description	Page(s)
HF50-20S	Smoke & Acoustic Sealant (White) , 20.2 oz. Sausage	19
HF100-10C	Firestop Sealant (Red), 10.3 oz. Cartridge	20
HF100-20S	Firestop Sealant (Red), 20.2 oz. Sausage	20
HF100-30C	Firestop Sealant (Red), 30 oz. Cartridge	20
HF100-5B	Firestop Sealant (Red), 5 Gal.	20
HF200-10C	Firestop Sealant (Red), 10.3 oz. Cartridge	21
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HF-PC-0200	Pipe Collar, 2"	22
HF-PC-0300	Pipe Collar, 3"	22
HF-PC-0400	Pipe Collar, 4"	22
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HF-PP	Putty Pad, 7" x 7"x 1/8	23
HF-WS14-0100	Wrap Strips, 1" x 12' Roll	24
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HF-CG-T20	Replacement Tips (Cone). 20 oz.	25
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PRO SERIES

Model #	Product Description	Penetrant Pipe Size	Page(s)
HFP-P1	HoldRite HydroFlame Pro Series Telescoping Firestop Sleeves (8"-12")	1/2" - 1"	34
HFP-P2	HoldRite HydroFlame Pro Series Telescoping Firestop Sleeves (8"-12")	1-1/4" - 2"	34
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HFP-M2	HoldRite HydroFlame Pro Series Telescoping Firestop Sleeves (8"-12")	1-1/4" - 2"	34
HFP-M3	HoldRite HydroFlame Pro Series Telescoping Firestop Sleeves (8"-12")	2" - 3"	34
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HFP-M1B	HoldRite HydroFlame Pro Series Non-Telescoping Firestop Sleeves (7-3/4")	1/2" - 1"	35
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HFPWM3	HoldRite HydroFlame Pro Series Water Modules	2" - 3"	40



PRO SERIES

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HFPWM4	HoldRite HydroFlame Pro Series Water Modules	3" - 4"	40
HFPWM6	HoldRite HydroFlame Pro Series Water Modules	5" - 6"	40
HFPWD1	HoldRite HydroFlame Pro Series Water Dams	1/4" - 1-1/4"	41
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HFPTB-NP-0200	HoldRite HydroFlame Pro Series Tub Boxes	1-1/2" IPS	42
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HFP-IS1	Spigot Extension Sleeve #1 Firestop Sleeve - #2 Hollow Sleeve		
HFP-IS2	Spigot Extension Sleeve #2 Firestop Sleeve - #3 Hollow Sleeve		
HFP-IS3	Spigot Extension Sleeve #3 Firestop Sleeve - #4 Hollow Sleeve		
HFP-IS4	Spigot Extension Sleeve #4 Firestop Sleeve - #5 Hollow Sleeve		
HFP-IS6	Spigot Extension Sleeve #6 Firestop Sleeve - #7 Hollow Sleeve		
HFP-SC1	Safety Cap for #1 Firestop Sleeve - #2 Hollow Sleeve		
HFP-SC2	Safety Cap for #2 Firestop Sleeve - #3 Hollow Sleeve		
HFP-SC3	Safety Cap for #3 Firestop Sleeve - #4 Hollow Sleeve		
HFP-SC4	Safety Cap for #4 Firestop Sleeve - #5 Hollow Sleeve		
HFP-SC6	Safety Cap for #6 Firestop Sleeve - #7 Hollow Sleeve		
HFP-LW-R	HoldRite HydroFlame Pro Locator Whiskers-Red		
HFP-LW-B	HoldRite HydroFlame Pro Locator Whiskers-Black		
HFP-LW-G	HoldRite HydroFlame Pro Locator Whiskers-Green		

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Model #	Product Description	Pipe O.D.	Penetrant Pipe Size	Page(s)
PS-NP-0050	HydroFlame Cast-in-Place Sleeves	.840"	1/2"	52
PS-NP-0075	HydroFlame Cast-in-Place Sleeves	1.050"	3/4"	52
PS-NP-0100	HydroFlame Cast-in-Place Sleeves	1.315"	1"	52
PS-NP-0125	HydroFlame Cast-in-Place Sleeves	1.660"	1¼"	52
PS-NP-0150	HydroFlame Cast-in-Place Sleeves	1.900"	1½"	52
PS-NP-0200	HydroFlame Cast-in-Place Sleeves	2.375"	2"	52
PS-NP-0250	HydroFlame Cast-in-Place Sleeves	2.875"	2½"	52
PS-NP-0300	HydroFlame Cast-in-Place Sleeves	3.50"	3"	52
PS-NP-0400	HydroFlame Cast-in-Place Sleeves	4.5"	4"	52
PS-NP-0600	HydroFlame Cast-in-Place Sleeves	6.625"	6"	52
PS-CP-0050	HydroFlame Cast-in-Place Sleeves	.625"	1/2"	52
PS-CP-0075	HydroFlame Cast-in-Place Sleeves	0.875"	3/4"	52
PS-CP-0100	HydroFlame Cast-in-Place Sleeves	1.125"	1"	52
PS-CP-0125	HydroFlame Cast-in-Place Sleeves	1.375"	1¼"	52
PS-CP-0150	HydroFlame Cast-in-Place Sleeves	1.625"	1½"	52
PS-CP-0200	HydroFlame Cast-in-Place Sleeves	2.125"	2"	52
PS-CN-0050	HydroFlame Cast-in-Place Sleeves	.840"	1/2"	52
PS-CN-0075	HydroFlame Cast-in-Place Sleeves	1.050"	3/4"	52
PS-CN-0100	HydroFlame Cast-in-Place Sleeves	1.315"	1"	52
PS-CN-0125	HydroFlame Cast-in-Place Sleeves	1.660"	1¼"	52
PS-CN-0150	HydroFlame Cast-in-Place Sleeves	1.900"	1½"	52
PS-CN-0200	HydroFlame Cast-in-Place Sleeves	2.375"	2"	52
PS-CN-0250	HydroFlame Cast-in-Place Sleeves	2.875"	2½"	52
PS-CN-0300	HydroFlame Cast-in-Place Sleeves	3.50"	3"	52
PS-CN-0400	HydroFlame Cast-in-Place Sleeves	4.5"	4"	52
PS-CN-0600	HydroFlame Cast-in-Place Sleeves	6.625"	6"	52
PS-CT-0050	HydroFlame Cast-in-Place Sleeves	.625"	1/2"	52
PS-CT-0075	HydroFlame Cast-in-Place Sleeves	0.875"	3/4"	52
PS-CT-0100	HydroFlame Cast-in-Place Sleeves	1.125"	1"	52
PS-CT-0125	HydroFlame Cast-in-Place Sleeves	1.375"	11/4"	52
PS-CT-0150	HydroFlame Cast-in-Place Sleeves	1.625"	1½"	52
PS-CT-0200	HydroFlame Cast-in-Place Sleeves	2.125"	2"	52
PS-CT-0250	HydroFlame Cast-in-Place Sleeves	2.625"	2½"	52
PS-CT-0300	HydroFlame Cast-in-Place Sleeves	3.125"	3"	52
PS-CT-0400	HydroFlame Cast-in-Place Sleeves	4.125"	4"	52
PS-CT-0600	HydroFlame Cast-in-Place Sleeves	6.125"	6"	52
PS-CH-0200	HydroFlame Cast-in-Place Sleeves	2.38"	2"	53
PS-CH-0300	HydroFlame Cast-in-Place Sleeves	3.50"	3"	53
PS-CH-0400	HydroFlame Cast-in-Place Sleeves	4.50"	4"	53
PS-CI-0150	HydroFlame Cast-in-Place Sleeves	1.90"	1½"	53
PS-CI-0200	HydroFlame Cast-in-Place Sleeves	2.30"	2"	53
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	Costoni Built			
Model #	Product Description	Pipe O.D.	Penetrant Pipe Size	Page(s)
PS-CI-0300	HydroFlame Cast-in-Place Sleeves	3.30"	3"	53
PS-CI-0400	HydroFlame Cast-in-Place Sleeves	4.30"	4"	53
PS-CI-0600	HydroFlame Cast-in-Place Sleeves	6.30"	6"	53
PS-CX-0150	HydroFlame Cast-in-Place Sleeves	1.90"	1½"	53
PS-CX-0200	HydroFlame Cast-in-Place Sleeves	2.35"	2"	53
PS-CX-0300	HydroFlame Cast-in-Place Sleeves	3.35"	3"	53
PS-CX-0400	HydroFlame Cast-in-Place Sleeves	4.38"	4"	53
PS-CX-0500	HydroFlame Cast-in-Place Sleeves	5.30"	5"	53
PS-CX-0600	HydroFlame Cast-in-Place Sleeves	6.30"	6"	53
PS-ST-0050	HydroFlame Cast-in-Place Sleeves	.840"	1/2"	53
PS-ST-0075	HydroFlame Cast-in-Place Sleeves	1.050"	3/4"	53
PS-ST-0100	HydroFlame Cast-in-Place Sleeves	1.315"	1"	53
PS-ST-0125	HydroFlame Cast-in-Place Sleeves	1.660"	11/4"	53
PS-ST-0150	HydroFlame Cast-in-Place Sleeves	1.900"	1½"	53
PS-ST-0200	HydroFlame Cast-in-Place Sleeves	2.375"	2"	53
PS-ST-0250	HydroFlame Cast-in-Place Sleeves	2.875"	2½"	53
PS-ST-0300	HydroFlame Cast-in-Place Sleeves	3.50"	3"	53
PS-ST-0400	HydroFlame Cast-in-Place Sleeves	4.5"	4"	53
PS-ST-0600	HydroFlame Cast-in-Place Sleeves	6.625"	6"	53
PS-ET-0050	HydroFlame Cast-in-Place Sleeves	0.706"	1/2"	53
PS-ET-0075	HydroFlame Cast-in-Place Sleeves	0.922"	3/4"	53
PS-ET-0100	HydroFlame Cast-in-Place Sleeves	1.163"	1"	53
PS-ET-0125	HydroFlame Cast-in-Place Sleeves	1.51"	1¼"	53
PS-ET-0150	HydroFlame Cast-in-Place Sleeves	1.74"	1½"	53
PS-ET-0200	HydroFlame Cast-in-Place Sleeves	2.197"	2"	53
PS-ET-0250	HydroFlame Cast-in-Place Sleeves	2.875"	2½"	53
PS-ET-0300	HydroFlame Cast-in-Place Sleeves	3.5"	3"	53
PS-ET-0400	HydroFlame Cast-in-Place Sleeves	4.5"	4"	53
CD-NP-0050	Corrugated Cast-in-Place Sleeves	.840"	1/2"	54
CD-NP-0075	Corrugated Cast-in-Place Sleeves	1.050"	3/4"	54
CD-NP-0100	Corrugated Cast-in-Place Sleeves	1.315"	1"	54
CD-NP-0125	Corrugated Cast-in-Place Sleeves	1.660"	1¼"	54
CD-NP-0150	Corrugated Cast-in-Place Sleeves	1.900"	1½"	54
CD-NP-0200	Corrugated Cast-in-Place Sleeves	2.375"	2"	54
CD-NP-0250	Corrugated Cast-in-Place Sleeves	2.875"	2½"	54
CD-NP-0300	Corrugated Cast-in-Place Sleeves	3.50"	3"	54
CD-NP-0400	Corrugated Cast-in-Place Sleeves	4.5"	4"	54
CD-NP-0600	Corrugated Cast-in-Place Sleeves	6.625"	6"	54
CD-CP-0050	Corrugated Cast-in-Place Sleeves	.625"	1/2"	54
CD-CP-0075	Corrugated Cast-in-Place Sleeves	0.875"	3/4"	54
CD-CP-0100	Corrugated Cast-in-Place Sleeves	1.125"	1"	54
CD-CP-0125	Corrugated Cast-in-Place Sleeves	1.375"	11/4"	54



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Model #	Product Description	Pipe O.D.	Penetrant Pipe Size	Page(s)
CD-CP-0150	Corrugated Cast-in-Place Sleeves	1.625"	1½"	54
CD-CP-0200	Corrugated Cast-in-Place Sleeves	2.125"	2"	54
CD-CN-0050	Corrugated Cast-in-Place Sleeves	.840"	1/2"	54
CD-CN-0075	Corrugated Cast-in-Place Sleeves	1.050"	3/4"	54
CD-CN-0100	Corrugated Cast-in-Place Sleeves	1.315"	1"	54
CD-CN-0125	Corrugated Cast-in-Place Sleeves	1.660"	11⁄4"	54
CD-CN-0150	Corrugated Cast-in-Place Sleeves	1.900"	1½"	54
CD-CN-0200	Corrugated Cast-in-Place Sleeves	2.375"	2"	54
CD-CN-0250	Corrugated Cast-in-Place Sleeves	2.875"	2½"	54
CD-CN-0300	Corrugated Cast-in-Place Sleeves	3.50"	3"	54
CD-CN-0400	Corrugated Cast-in-Place Sleeves	4.5"	4"	54
CD-CN-0600	Corrugated Cast-in-Place Sleeves	6.625"	6"	54
CD-CT-0050	Corrugated Cast-in-Place Sleeves	.625"	1/2"	54
CD-CT-0075	Corrugated Cast-in-Place Sleeves	0.875"	3⁄4"	54
CD-CT-0100	Corrugated Cast-in-Place Sleeves	1.125"	1"	54
CD-CT-0125	Corrugated Cast-in-Place Sleeves	1.375"	11⁄4"	54
CD-CT-0150	Corrugated Cast-in-Place Sleeves	1.625"	1½"	54
CD-CT-0200	Corrugated Cast-in-Place Sleeves	2.125"	2"	54
CD-CT-0250	Corrugated Cast-in-Place Sleeves	2.625"	2½"	54
CD-CT-0300	Corrugated Cast-in-Place Sleeves	3.125"	3"	54
CD-CT-0400	Corrugated Cast-in-Place Sleeves	4.125"	4"	54
CD-CT-0600	Corrugated Cast-in-Place Sleeves	6.125"	6"	54
CD-CH-0200	Corrugated Cast-in-Place Sleeves	2.38"	2"	55
CD-CH-0300	Corrugated Cast-in-Place Sleeves	3.50"	3"	55
CD-CH-0400	Corrugated Cast-in-Place Sleeves	4.50"	4"	55
CD-CI-0150	Corrugated Cast-in-Place Sleeves	1.90"	1½"	55
CD-CI-0200	Corrugated Cast-in-Place Sleeves	2.30"	2"	55
CD-CI-0300	Corrugated Cast-in-Place Sleeves	3.30"	3"	55
CD-CI-0400	Corrugated Cast-in-Place Sleeves	4.30"	4"	55
CD-CI-0600	Corrugated Cast-in-Place Sleeves	6.30"	6"	55
CD-CX-0150	Corrugated Cast-in-Place Sleeves	1.90"	1½"	55
CD-CX-0200	Corrugated Cast-in-Place Sleeves	2.35"	2"	55
CD-CX-0300	Corrugated Cast-in-Place Sleeves	3.35"	3"	55
CD-CX-0400	Corrugated Cast-in-Place Sleeves	4.38"	4"	55
CD-CX-0500	Corrugated Cast-in-Place Sleeves	5.30"	5"	55
CD-CX-0600	Corrugated Cast-in-Place Sleeves	6.30"	6"	55
CD-ST-0050	Corrugated Cast-in-Place Sleeves	.840"	1/2"	55
CD-ST-0075	Corrugated Cast-in-Place Sleeves	1.050"	3/4"	55
CD-ST-0100	Corrugated Cast-in-Place Sleeves	1.315"	1"	55
CD-ST-0125	Corrugated Cast-in-Place Sleeves	1.660"	11⁄4"	55
CD-ST-0150	Corrugated Cast-in-Place Sleeves	1.900"	1½"	55



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Model #	Product Description	Pipe O.D.	Penetrant Pipe Size	Page(s)
CD-ST-0200	Corrugated Cast-in-Place Sleeves	2.375"	2"	55
CD-ST-0250	Corrugated Cast-in-Place Sleeves	2.875"	21/2"	55
CD-ST-0300	Corrugated Cast-in-Place Sleeves	3.50"	3"	55
CD-ST-0400	Corrugated Cast-in-Place Sleeves	4.5"	4"	55
CD-ST-0600	Corrugated Cast-in-Place Sleeves	6.625"	6"	55
CD-ET-0050	Corrugated Cast-in-Place Sleeves	0.706"	1/2"	55
CD-ET-0075	Corrugated Cast-in-Place Sleeves	0.922"	3/4"	55
CD-ET-0100	Corrugated Cast-in-Place Sleeves	1.163"	1"	55
CD-ET-0125	Corrugated Cast-in-Place Sleeves	1.51"	11/4"	55
CD-ET-0150	Corrugated Cast-in-Place Sleeves	1.74"	1½"	55
CD-ET-0200	Corrugated Cast-in-Place Sleeves	2.197"	2"	55
CD-ET-0250	Corrugated Cast-in-Place Sleeves	2.875"	2½"	55
CD-ET-0300	Corrugated Cast-in-Place Sleeves	3.5"	3"	55
CD-ET-0400	Corrugated Cast-in-Place Sleeves	4.5"	4"	55
HP-NP-0050	Slab and Wall Seal w/ Pipe Inserts	.840"	1/2"	60
HP-NP-0075	Slab and Wall Seal w/ Pipe Inserts	1.050"	3/4"	60
HP-NP-0100	Slab and Wall Seal w/ Pipe Inserts	1.315"	1"	60
HP-NP-0125	Slab and Wall Seal w/ Pipe Inserts	1.660"	11/4"	60
HP-NP-0150	Slab and Wall Seal w/ Pipe Inserts	1.900"	1½"	60
HP-NP-0200	Slab and Wall Seal w/ Pipe Inserts	2.375"	2"	60
HP-NP-0250	Slab and Wall Seal w/ Pipe Inserts	2.875"	2½"	60
HP-NP-0300	Slab and Wall Seal w/ Pipe Inserts	3.50"	3"	60
HP-NP-0400	Slab and Wall Seal w/ Pipe Inserts	4.5"	4"	60
HP-NP-0600	Slab and Wall Seal w/ Pipe Inserts	6.625"	6"	60
HP-CP-0050	Slab and Wall Seal w/ Pipe Inserts	.625"	1/2"	60
HP-CP-0075	Slab and Wall Seal w/ Pipe Inserts	0.875"	3/4"	60
HP-CP-0100	Slab and Wall Seal w/ Pipe Inserts	1.125"	1"	60
HP-CP-0125	Slab and Wall Seal w/ Pipe Inserts	1.375"	11⁄4"	60
HP-CP-0150	Slab and Wall Seal w/ Pipe Inserts	1.625"	1½"	60
HP-CP-0200	Slab and Wall Seal w/ Pipe Inserts	2.125"	2"	60
HP-CN-0050	Slab and Wall Seal w/ Pipe Inserts	.840"	1/2"	60
HP-CN-0075	Slab and Wall Seal w/ Pipe Inserts	1.050"	3/4"	60
HP-CN-0100	Slab and Wall Seal w/ Pipe Inserts	1.315"	1"	60
HP-CN-0125	Slab and Wall Seal w/ Pipe Inserts	1.660"	11/4"	60
HP-CN-0150	Slab and Wall Seal w/ Pipe Inserts	1.900"	1½"	60
HP-CN-0200	Slab and Wall Seal w/ Pipe Inserts	2.375"	2"	60
HP-CN-0250	Slab and Wall Seal w/ Pipe Inserts	2.875"	2½"	60
HP-CN-0300	Slab and Wall Seal w/ Pipe Inserts	3.50"	3"	60
HP-CN-0400	Slab and Wall Seal w/ Pipe Inserts	4.5"	4"	60
HP-CN-0600	Slab and Wall Seal w/ Pipe Inserts	6.625"	6"	60
HP-CT-0050	Slab and Wall Seal w/ Pipe Inserts	.625"	1/2"	60
HP-CT-0075	Slab and Wall Seal w/ Pipe Inserts	0.875"	3/4"	60
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Model #	Product Description	Pipe O.D.	Penetrant Pipe Size	Page(s)
HP-CT-0100	Slab and Wall Seal w/ Pipe Inserts	1.125"	1"	60
HP-CT-0125	Slab and Wall Seal w/ Pipe Inserts	1.375"	11⁄4"	60
HP-CT-0150	Slab and Wall Seal w/ Pipe Inserts	1.625"	1½"	60
HP-CT-0200	Slab and Wall Seal w/ Pipe Inserts	2.125"	2"	60
HP-CT-0250	Slab and Wall Seal w/ Pipe Inserts	2.625"	2½"	60
HP-CT-0300	Slab and Wall Seal w/ Pipe Inserts	3.125"	3"	60
HP-CT-0400	Slab and Wall Seal w/ Pipe Inserts	4.125"	4"	60
HP-CT-0600	Slab and Wall Seal w/ Pipe Inserts	6.125"	6"	60
HP-CH-0200	Slab and Wall Seal w/ Pipe Inserts	2.38"	2"	61
HP-CH-0300	Slab and Wall Seal w/ Pipe Inserts	3.50"	3"	61
HP-CH-0400	Slab and Wall Seal w/ Pipe Inserts	4.50"	4"	61
HP-CI-0150	Slab and Wall Seal w/ Pipe Inserts	1.90"	1½"	61
HP-CI-0200	Slab and Wall Seal w/ Pipe Inserts	2.30"	2"	61
HP-CI-0300	Slab and Wall Seal w/ Pipe Inserts	3.30"	3"	61
HP-CI-0400	Slab and Wall Seal w/ Pipe Inserts	4.30"	4"	61
HP-CI-0600	Slab and Wall Seal w/ Pipe Inserts	6.30"	6"	61
HP-CX-0150	Slab and Wall Seal w/ Pipe Inserts	1.90"	1½"	61
HP-CX-0200	Slab and Wall Seal w/ Pipe Inserts	2.35"	2"	61
HP-CX-0300	Slab and Wall Seal w/ Pipe Inserts	3.35"	3"	61
HP-CX-0400	Slab and Wall Seal w/ Pipe Inserts	4.38"	4"	61
HP-CX-0500	Slab and Wall Seal w/ Pipe Inserts	5.30"	5"	61
HP-CX-0600	Slab and Wall Seal w/ Pipe Inserts	6.30"	6"	61
HP-ST-0050	Slab and Wall Seal w/ Pipe Inserts	.840"	1/2"	61
HP-ST-0075	Slab and Wall Seal w/ Pipe Inserts	1.050"	3/4"	61
HP-ST-0100	Slab and Wall Seal w/ Pipe Inserts	1.315"	1"	61
HP-ST-0125	Slab and Wall Seal w/ Pipe Inserts	1.660"	11/4"	61
HP-ST-0150	Slab and Wall Seal w/ Pipe Inserts	1.900"	1½"	61
HP-ST-0200	Slab and Wall Seal w/ Pipe Inserts	2.375"	2"	61
HP-ST-0250	Slab and Wall Seal w/ Pipe Inserts	2.875"	2½"	61
HP-ST-0300	Slab and Wall Seal w/ Pipe Inserts	3.50"	3"	61
HP-ST-0400	Slab and Wall Seal w/ Pipe Inserts	4.5"	4"	61
HP-ST-0600	Slab and Wall Seal w/ Pipe Inserts	6.625"	6"	61
HP-ET-0050	Slab and Wall Seal w/ Pipe Inserts	0.706"	1/2"	61
HP-ET-0075	Slab and Wall Seal w/ Pipe Inserts	0.922"	3/4"	61
HP-ET-0100	Slab and Wall Seal w/ Pipe Inserts	1.163"	1"	61
HP-ET-0125	Slab and Wall Seal w/ Pipe Inserts	1.51"	11⁄4"	61
HP-ET-0150	Slab and Wall Seal w/ Pipe Inserts	1.74"	1½"	61
HP-ET-0200	Slab and Wall Seal w/ Pipe Inserts	2.197"	2"	61
HP-ET-0250	Slab and Wall Seal w/ Pipe Inserts	2.875"	2½"	61
HP-ET-0300	Slab and Wall Seal w/ Pipe Inserts	3.5"	3"	61
HP-ET-0400	Slab and Wall Seal w/ Pipe Inserts	4.5"	4"	61



Model #	Product Description	Pipe O.D.	Penetrant Pipe Size	Page(s)
TB-NP-0200	Cast-in-Place Tub Box	N/A	1½"	56
TB-TW-0200	Cast-in-Place Tub Box	N/A	1½"	56
AA-0304	Aerator Adapter Box for Wood Form Deck	N/A	3" or 4"	56
AA-06	Aerator Adapter Box for Wood Form Deck	N/A	6"	56
PS-NPCF-0300	Cast-in-Place Closet Flange Sleeves	3.5"	3"	56
PS-NPCF-0400	Cast-in-Place Closet Flange Sleeves	4.5"	4"	56
PS-CICF-0300	Cast-in-Place Closet Flange Sleeves	3.30"	3"	56
PS-CICF-0400	Cast-in-Place Closet Flange Sleeves	4.30"	4"	56
PS-CXCF-0300	Cast-in-Place Closet Flange Sleeves	3.35"	3"	56
PS-CXCF-0400	Cast-in-Place Closet Flange Sleeves	4.38"	4"	56
PS-SD-0200	Cast-in-Place Shower Drain Sleeves	2.375"	2"	44, 57
HM-DK-0200	Cast-In-Place Drain Stand Kit	N/A	2"	45, 57
HM-DK-0300	Cast-In-Place Drain Stand Kit	N/A	3"	45, 57
HM-DK-0400	Cast-In-Place Drain Stand Kit	N/A	4"	45, 57
PS-LS-0300	Line Set Sleeve	Various	N/A	57
PS-CS-0200	Cable Sleeve	Various	N/A	57
PS-CS-0300	Cable Sleeve	Various	N/A	57
OPS-PL-0100	Cast-In-Place Optional Pipe Size Sleeve	.625-1.5	1/2"-1"	59
OPS-PL-0200	Cast-In-Place Optional Pipe Size Sleeve	1.375-2.5	1-1/4"-2"	59
OPS-PL-0300	Cast-In-Place Optional Pipe Size Sleeve	2.625-3.5	2"-3"	59
OPS-PL40-0300	4x3 PVC Closet Flange Sleeve	3.5	3"	47,59, 56
OPS-PL-0400	Cast-In-Place Optional Pipe Size Sleeve	4.125-4.5	3"-4"	59
OPS-PL-0600	Cast-In-Place Optional Pipe Size Sleeve	5.125-6.625	5"-6"	59
OPS-MT-0100	Cast-In-Place Optional Pipe Size Sleeve	.625-1.5	1/2"-1"	59
OPS-MT-0200	Cast-In-Place Optional Pipe Size Sleeve	1.375-2.5	1-1/4"-2"	59
OPS-MT-0300	Cast-In-Place Optional Pipe Size Sleeve	2.625-3.5	2"-3"	59
OPS-MT-0400	Cast-In-Place Optional Pipe Size Sleeve	4.125-4.5	3"-4"	59
OPS-MT-0600	Cast-In-Place Optional Pipe Size Sleeve	5.125-6.625	5"-6"	59
PS-NPMS-0200	Nominal Pipe Body Seal	2.375"	2"	61
PS-NPMS-0300	Nominal Pipe Body Seal	3.50"	3"	61
PS-NPMS-0400	Nominal Pipe Body Seal	4.50"	4"	61
PS-NPMS-0600	Nominal Pipe Body Seal	6.625"	6"	61



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Model #	Product Description	Pipe O.D.	Penetrant Pipe Size	Page(s)
CD-0125	Corrugated Deck Concrete Sleeve	1.53"	1/4"-3/4"	58
CD-0200	Corrugated Deck Concrete Sleeve	2.19"	1/4"-11/4"	58
CD-0300	Corrugated Deck Concrete Sleeve	3.33"	1"-2"	58
CD-0400	Corrugated Deck Concrete Sleeve	4.28"	11/4"-3"	58
CD-0500	Corrugated Deck Concrete Sleeve	5.22"	21/2"-4"	58
CD-0600	Corrugated Deck Concrete Sleeve	6.22"	3"-5"	58
CD-0800	Corrugated Deck Concrete Sleeve	8.21"	4"-6"	58
WD-0125	Wood Deck Concrete Sleeve	1.53"	1/4"-3/4"	59
WD-0200	Wood Deck Concrete Sleeve	2.19"	1/4"-1 1/4"	59
WD-0300	Wood Deck Concrete Sleeve	3.33"	1"-2"	59
WD-0400	Wood Deck Concrete Sleeve	4.28"	11/4"-3"	59
WD-0500	Wood Deck Concrete Sleeve	5.22"	21/2"-4"	59
WD-0600	Wood Deck Concrete Sleeve	6.22"	3"-5"	59
WD-0800	Wood Deck Concrete Sleeve	8.21"	4"-6"	59
CD-OPS-PL-0100	Corrugated Deck Optional Pipe Size Sleeve	N/A	1⁄2"-1"	58
CD-OPS-PL-0200	Corrugated Deck Optional Pipe Size Sleeve	N/A	11⁄4-2"	58
CD-OPS-PL-0300	Corrugated Deck Optional Pipe Size Sleeve	N/A	2"-3"	58
CD-OPS-PL-0400	Corrugated Deck Optional Pipe Size Sleeve	N/A	3"-4"	58
CD-OPS-PL-0600	Corrugated Deck Optional Pipe Size Sleeve	N/A	5"-6"	58
CD-OPS-MT-0100	Corrugated Deck Optional Pipe Size Sleeve	N/A	1/2"-1"	58
CD-OPS-MT-0200	Corrugated Deck Optional Pipe Size Sleeve	N/A	11⁄4-2"	58
CD-OPS-MT-0300	Corrugated Deck Optional Pipe Size Sleeve	N/A	2"-3"	58
CD-OPS-MT-0400	Corrugated Deck Optional Pipe Size Sleeve	N/A	3"-4"	58
CD-OPS-MT-0600	Corrugated Deck Optional Pipe Size Sleeve	N/A	5"-6"	58

NOTES









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Pipe Collars Page 22



Putty Pads Page 23



Wrap Strips Page 24



Caulking Guns & Accessories Page 25

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PRO SERIES Firestop Solutions



Telescoping Firestop Sleeves



Non-Telescoping Firestop Sleeves Page 35



Telescoping Hollow Sleeves



Non-Telescoping Hollow Sleeves



Corrugated Metal Deck Plates



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Page 40



Page 41



Page 42



Page 43



Closet Flange Sleeves (Closet Flange not included) Page 47



(Shower Drain not included)



Page 46



(Cast Iron Drain not included) Page 45



Safety Cap Tool Page 47



Custom Built Firestop Solutions



Wood/Flat Form Deck Sleeves



Corrugated Metal Deck Sleeves



Option Pipe Size Sleeves



Aerator Adapter Boxes



Closet Flange Sleeves (Closet Flange not included) Page 56



(Shower Drain not included)



(Floor Drain not included) Page 45, 47





Tub Boxes



Slab and Wall Seals Page 60, 61

