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## HoldRite HydroFlame™ Wrap Strips Specification Sheet/Drawing

HoldRite HydroFlame™ Wrap Strip is a high performance highly intumescent flexible wrap strip firestop material that is designed to expand when exposed to heat. Wrap Strip is commonly used around combustible pipes and insulated pipes as a solution to seal off these challenging penetrations in the event of a fire. When Wrap Strip activates 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.



### Product Information:

- **Material Properties:** HydroFlame™ Wrap Strip does not contain any Asbestos Fillers, hazardous ingredients or solvents. Size (Approx.) 1" x 1/4" x 36' (25mm x 6mm x 10.98m), 2" x 1/4" x 36' (50mm x 6mm x 10.98m). Activation of Intumescence: Expansion Begins 375°F (190°C). Expansion Greatest 575° (302°C) to 1100° F (593°C). Color: Black. Freeze-Thaw: Exceptional.
- **Application:** HydroFlame™ Wrap Strip when properly installed can seal off problematic penetrations such as large combustible plastic pipe, ABS, PVC, CPVC, PEX, PP, XFR, PP-R and insulated pipe penetrations within concrete/masonry walls, concrete and wood floors, as well as gypsum wall assemblies. Made up of highly intumescent materials, HydroFlame™ Wrap Strip will expand significantly when exposed to heat. Product will form a robust char that will close off the passage of flames and toxic gases. HydroFlame™ Wrap Strip is simple and easy to apply by wrapping the specified number of layers around the penetrant and then sliding into the annular space.
- **Availability:** HydroFlame™ Wrap Strip is available in two sizes: 1" x 1/4" x 36' rolls and 2" x 1/4" x 36' rolls.
- **Limitations:** HydroFlame™ Wrap Strip is only to be used in approved tested assemblies. Any questions please consult HoldRite technical assistance team.
- **Storage & Handling:** HydroFlame™ Wrap Strip should be stored in a cool, dry place. Keep product away from water or heavy moisture. Wrap Strip should be stored under protective cover and in their original containers/boxes as much as possible. Even though there is no expiration date, a stock rotation program is highly recommended.

- **Testing Data:** HydroFlame™ Wrap Strip products are listed as a fill, void or cavity material and are classified by Underwriters Laboratories, Inc. For specific test data please consult the UL Fire Resistance Directory or call HoldRite. HydroFlame™ Wrap Strip was tested at positive pressure for a minimum .01 inches (2.5 Pa) of water in accordance with UL 1479 and ASTM E814, CAN/ULC-S115 (Fire Tests of Firestop Systems) test standards. Complies to Required Environmental Exposure Testing of Accelerated Aging and High Humidity as per UL 1479 Fire Test of Through Penetration Firestops. ASTM E 84, UL 723 Tunnel Test Flame Spread: 5. Smoke Index: 5. This product is Clean Air Gold certified.

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

- **Features:** No curing time. Excellent freeze-thaw properties. Simple to apply. Flexible. Forms hardened char after expansion. Highly intumescent. Installs from topside or underside of floor (or both sides of wall assembly). Also installs into wall openings. This product is Clean Air Gold certified.

- **Installation Data:** HydroFlame™ Wrap Strip is easy to install. Step 1: Tightly wrap the required number of layers continuously around the penetrant to completely fill the annular space, or as required by UL system design. Step 2: Push the Wrap Strip into the opening (annular space) to the required depth outlined by UL system detail. Step 3: If a cold smoke seal is required, apply the recommended HydroFlame™ sealant in the opening over the Wrap Strip. Consult UL Directory for complete instructions and system listings.

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

- For technical information please call (877) 700-4242 or visit our website ([www.holdrite.com](http://www.holdrite.com)).

