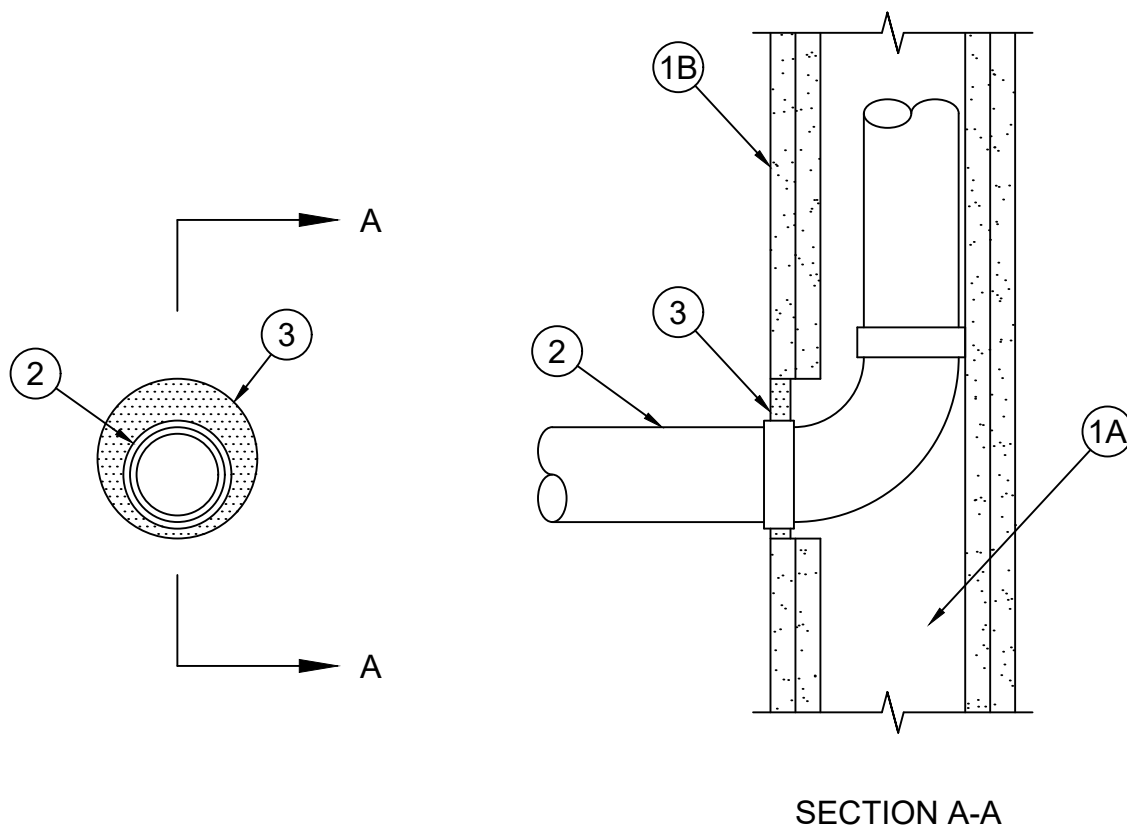




### **System No. W-L-2635**

F Ratings - 1 and 2 Hr (See Item 1)  
T Ratings - 1 and 1-1/4 Hr (See Item 1)  
L Rating At Ambient - Less Than 1 CFM/sq ft  
L Rating At 400 F - Less Than 1 CFM/sq ft



1. **Wall Assembly** - The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400, V400 or W400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

- A. **Studs** - Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC.
- B. **Gypsum Board\*** - One or two layers of nom 5/8 in. (16 mm) thick gypsum board as specified in the individual Wall and Partition Design. Max diam of opening is 4 in. (127 mm).

**The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed. The hourly T Rating of the firestop system is 1 hr in 1 hr fire rated walls and 1-1/4 hr in 2 hr fire rated walls.**

2. **Nonmetallic Penetrant** - One nonmetallic pipe or conduit to be installed within stud cavity and connected to a 45° or 90° elbow. Additional nonmetallic pipe or conduit shall be connected to elbow and penetrate one side of the wall either concentrically or eccentrically within the firestop system. The annular space between pipe or conduit and periphery of the opening shall be min 1/4 in. (6 mm) to max 1 in. (25 mm). The penetrant may be installed at an angle not greater than 45 degrees from perpendicular. Pipe or conduit shall be rigidly supported within the wall and on the penetrated side of the wall assembly. The following types and sizes of nonmetallic pipes or conduits may be used:



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- A. **Polyvinyl Chloride (PVC) Pipe** - Nom 2 in. (51 mm) diam (or smaller) Schedule 40 solid or cellular core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.
  - B. **Chlorinated Polyvinyl Chloride (CPVC) Pipe** - Nom 2 in. (51 mm) diam (or smaller) SDR 13.5 CPVC pipe for use in closed (process or supply) piping systems.
  - C. **Rigid Nonmetallic Conduit+** - Nom 2 in. (51 mm) diam (or smaller) Schedule 40 PVC conduit installed in accordance with the National Electrical Code (NFPA 70).
3. **Fill, Void or Cavity Material\* - Sealant** - Min 1/2 in. (13 mm) thickness of fill material applied within annulus, flush with surface of wall assembly.

**SPECIFIED TECHNOLOGIES INC** - SpecSeal Series SSS Sealant or SpecSeal LCI Sealant

+ Bearing the UL Listing Mark

**\* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



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