



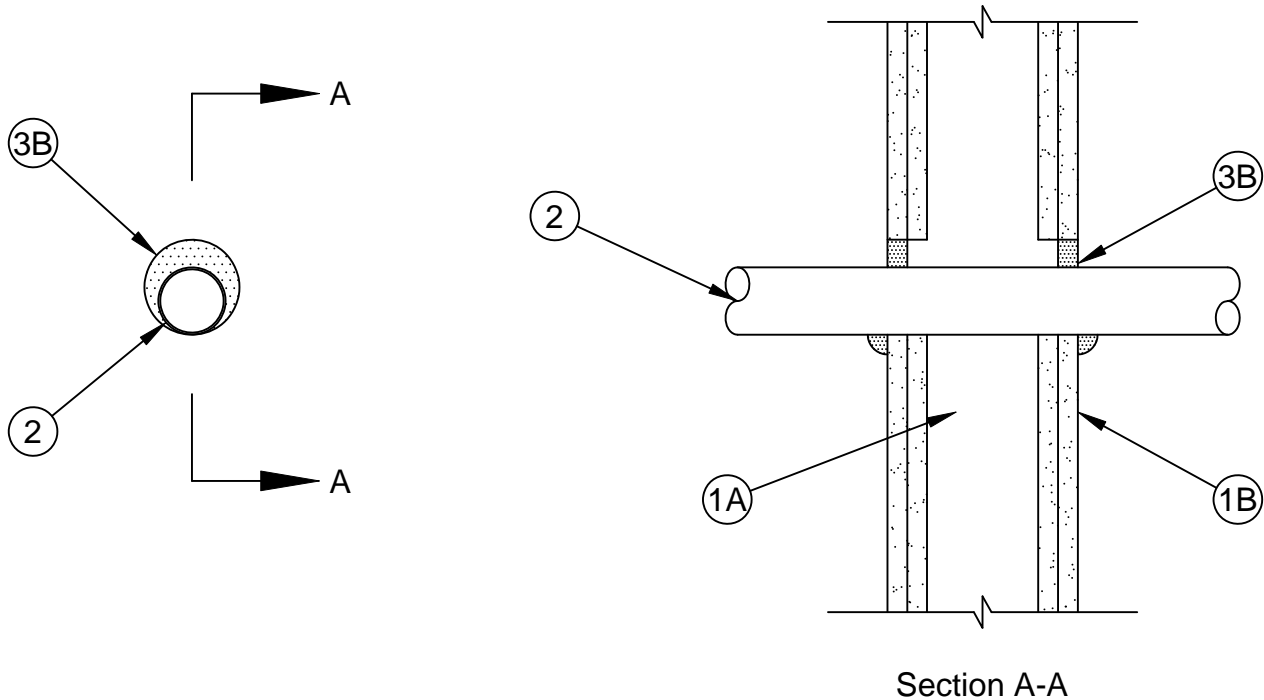
### System No. W-L-2631

F Ratings - 1 & 2 Hr (See Item 1)

T Rating - 1 & 2 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 described in the individual U300 or U400 Series Wall or 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\*** - Thickness, type, number of layers and fasteners as specified in the individual Wall and Partition Design. Max diam of opening is 3 in. (76 mm).

**The hourly F and T Ratings of the firestop system are equal to the hourly fire rating of the wall assembly in which it is installed.**
2. **Through Penetrant\* - Cross Linked Polyethylene (PEX) Tubing** - Nom 2 in. (51 mm) diam (or smaller) SDR 9 PEX tubing for use in closed (process or supply) piping systems. One pipe to be installed concentrically or eccentrically within the firestop system. Annular space to be min 0 in. (point contact) to max 7/8 in. (22 mm). Penetrant to be rigidly supported on both sides of wall assembly.
3. **Firestop System** - The firestop system shall consist of the following:
  - A. **Packing Material** - (Optional, Not Shown) - Mineral wool batt insulation, foam backer rod or glass fiber insulation installed as a permanent form to facilitate installation of fill material (Item 3B). Packing material recessed from both surfaces of wall to accommodate the required thickness of fill material.
  - B. **Fill, Void or Cavity Material\* - Sealant** - Min 5/8 in. (16 mm) thickness of fill material applied within annulus, flush with both surfaces of wall assembly. At point contact location, min 3/8 in. (10 mm) diam bead of fill material applied at nonmetallic pipe/gypsum board interface on both surfaces of wall.

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

\* 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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