



**System No. W-L-1460**  
**XHEZ7.W-L-1460**  
**Through-penetration Firestop Systems Certified for Canada**

[Page Bottom](#)

---

**Design/System/Construction/Assembly Usage Disclaimer**

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
  - Authorities Having Jurisdiction should be consulted before construction.
  - Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
  - When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
  - Only products which bear UL's Mark are considered Certified.
- 

**XHEZ7 - Through-penetration Firestop Systems Certified for Canada**

[See General Information for Through-penetration Firestop Systems Certified for Canada](#)

**System No. W-L-1460**

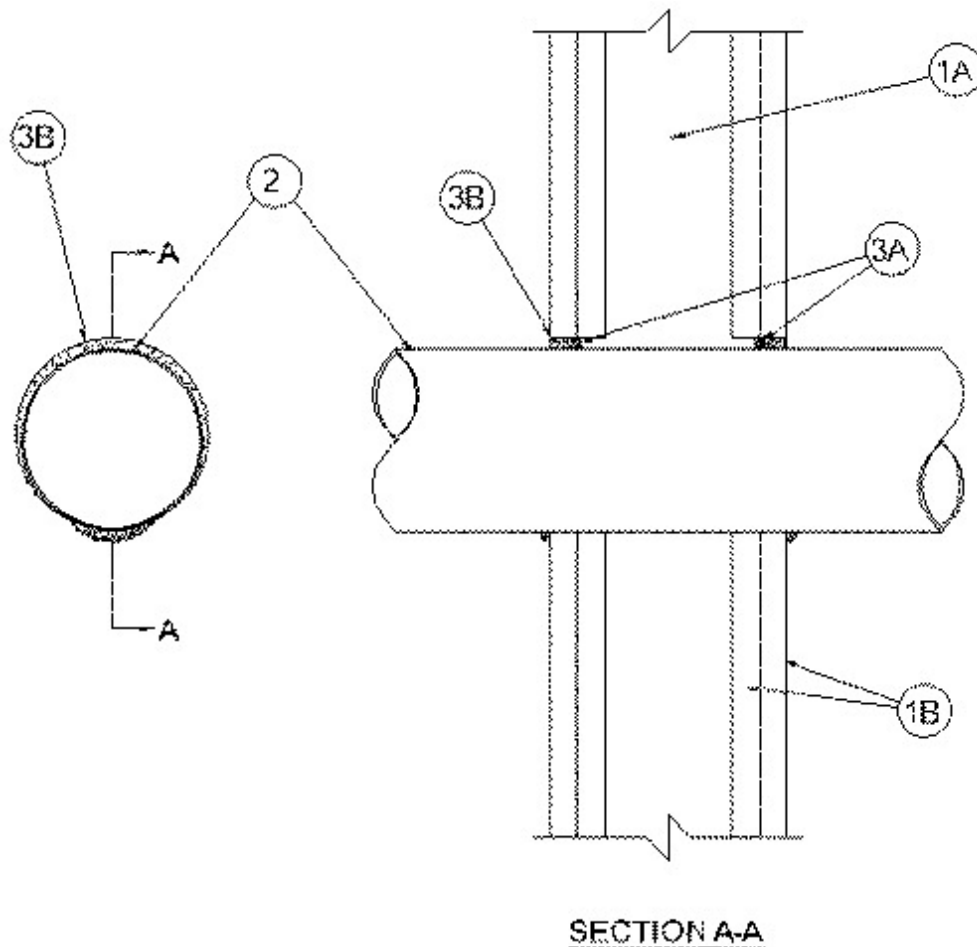
October 29, 2009

**F Rating — 2 Hr**

**FT Rating — 0 Hr**

**FH Rating — 0 Hr**

**FTH Rating — 0 Hr**



**SECTION A-A**

**1. Wall Assembly** — The 2 hr fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs 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 51 by 102 mm (2 by 4 in.) lumber spaced 406 mm (16 in.) OC. Steel studs to be min 64 mm (2-1/2 in.) wide and spaced max 610 mm (24 in.) OC.

**B. Gypsum Board\*** — Nom 16 mm (5/8 in.) thick, 1219 mm (4 ft) wide with square or tapered edges. The gypsum board type, numbers of layers, fasteners type and sheet orientation shall be as specified in the individual Wall and Partition Design. Max diam of opening is 226 mm (8-7/8 in.).

**2. Through Penetrants** — One metallic pipe, conduit or tubing to be installed either concentrically or eccentrically within the firestop system. The annular space shall be min 0 mm (point contact) to max 6 mm (0 in. to max 1/4 in.) Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:

**A. Steel Pipe** — Nom 203 mm (8 in.) diam (or smaller) Schedule 10 (or heavier) steel pipe.

**B. Steel Pipe** — Nom 102 mm (4 in.) diam (or smaller) Schedule 5 (or heavier) steel pipe.

**C. Conduit** — Nom 102 mm (4 in.) diam (or smaller) steel electrical metallic tubing or nom 153 mm (6 in.) diam (or smaller) steel conduit.

**D. Copper Tubing** — Nom 102 mm (4 in.) diam (or smaller) Type L (or heavier) copper tubing.

**E. Copper Pipe** — Nom 102 mm (4 in.) diam (or smaller) Regular (or heavier) copper pipe.

**3. Firestop System** — The firestop system shall consist of the following:

**A. Packing Material** — Foam backer rod firmly packed into opening as a permanent form. Packing material to be recessed from both surfaces of wall as required to accommodate the required thickness of fill material.

**B. Fill, Void or Cavity Material\* - Caulk** — Min 16 mm (5/8 in.) thickness of fill material applied within the annulus, flush with both surfaces of wall. A 6 mm (1/4 in.) bead of fill material applied at point contact location.

**A/D FIRE PROTECTION SYSTEMS INC** — A/D FIREBARRIER Acrylic Sealant

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

Last Updated on 2009-10-29

---

[Questions?](#)

[Print this page](#)

[Terms of Use](#)

[Page Top](#)

© 2016 UL LLC

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2016 UL LLC".