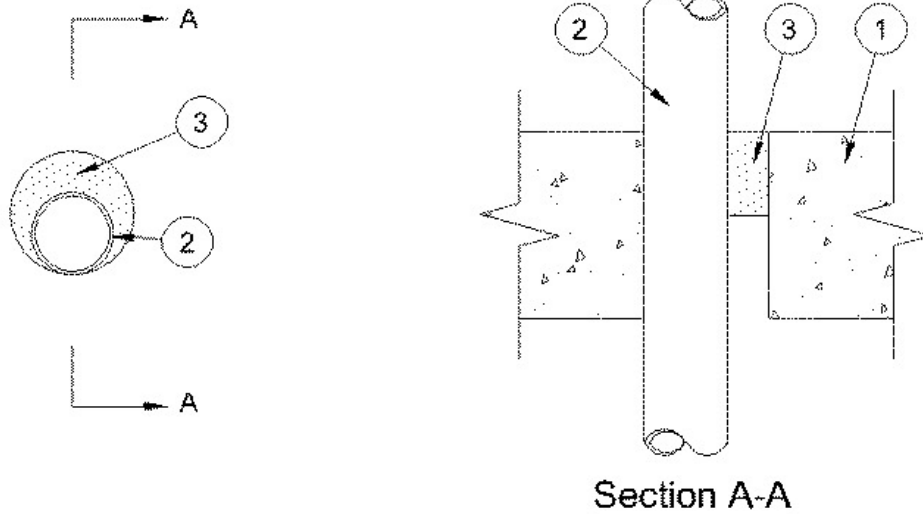


ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating — 2 Hr	F Rating — 2 Hr
T Rating — 1/2 Hr	FT Rating — 1/2 Hr
	FH Rating — 2 Hr
	FTH Rating — 1/2 Hr



Section A-A

System tested with a pressure differential of 50 Pa between the exposed and the unexposed surfaces with the higher pressure on the exposed side.

1. Floor or Wall Assembly — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max diam of opening 3 in. (76 mm). See **Concrete Blocks** (CAZT) category in Fire Resistance Directory for names of manufacturers.

2. Nonmetallic Pipe — One nonmetallic pipe or conduit to be installed either concentrically or eccentrically within the firestop system. The annular space shall be min 0 mm (point contact) to max 5/8 in (16 mm). Pipe or conduit to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of nonmetallic pipes or conduit may be used:

A. Polyvinyl Chloride (PVC) Pipe — Nom 2 in. (51 mm) diam (or smaller) Schedule 40 solid 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 Electrical Non-Metallic Conduit (RNMC) — Nom 2 in. (51 mm) (or smaller) PVC conduit installed in accordance with the National Electrical Code (NFPA 70).

3. Fill, Void or Cavity Material* - Sealant — Min 2 in. (51 mm) thickness of sealant applied within the annulus, flush with top surface of floor or both surfaces of wall. A min 1/2 in. (13 mm) diam bead of caulk shall be applied to the pipe/surface interface at the point contact location on the top surface of floor or both sides of wall.

RECTORSEAL — [Metacaulk 1000](#) or [Metacaulk 350i](#)

*,+ 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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