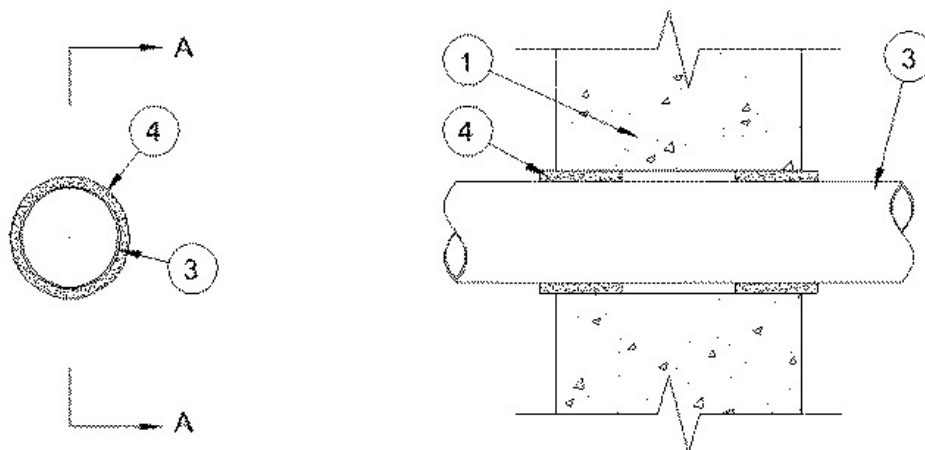


F Rating - 2 Hr
T Rating - 1/4 or 1 Hr (See Item 2)
FH Rating - 2 Hr
FTH Rating - 1/4 or 1 Hr (See Item 2)



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. **Wall Assembly** — Min 114 mm thick reinforced lightweight or normal weight (1600-2400 kg/m³) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max diam of opening is 102 mm.
2. **Steel Sleeve - (Optional, Not Shown)** — Cylindrical sleeve fabricated from 0.5 mm thick (No. 26 gauge) galv sheet steel and having a min 25 mm lap along the longitudinal seam. Length of steel sleeve to project 13 mm beyond both surfaces of the wall. Sleeve installed by coiling the sheet steel to a diam smaller than the through opening, inserting the coil through the openings and releasing the coil to let it uncoil against the circular openings in the wall. When steel sleeve is used T Rating is 1 Hr.
3. **Through Penetrant** — One nonmetallic pipe to be installed concentrically within the firestop system. The annular space shall be max 6 mm. Pipe to be rigidly supported on both sides of wall assembly. The following types and sizes of nonmetallic pipes may be used:
 - A. **Polyvinyl Chloride (PVC) Pipe** — Nom 76 mm diam (or smaller) Schedule 40 solid core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping system.
 - B. **Chlorinated Polyvinyl Chloride (CPVC) Pipe** — Nom 76 mm diam (or smaller) SDR 13.5 CPVC pipe for use in closed (process or supply) piping system.
 - C. **Rigid Electrical Non-Metallic Conduit (RNMC)** — Nom 51 mm (or smaller) PVC conduit installed in accordance with Article 331 of the National Electrical Code (NFPA 70).
 - D. **Acrylonitrile Butadiene Styrene (ABS) Pipe** — Nom 76 mm diam (or smaller) Schedule 40 solid or cellular core ABS pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.
4. **Fill, Void or Cavity Material*** — **Wrap Strip** — One layer of 51 mm wide wrap strip wrapped around through-penetrant with the ends butted and held in place with masking tape. Wrap strip to protrude 10 mm from both surfaces of wall.
RECTORSEAL — [Metacaulk Wrap Strip](#)

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