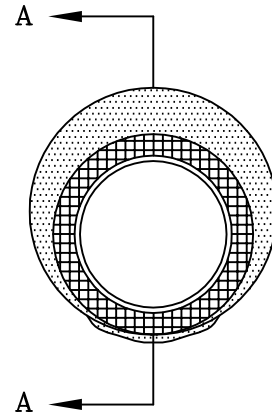


SECTION A-A



1. Wall assembly

- 1A. Min. 6 in. NW concrete or block wall with a max. 1 8-3/4 in. diameter penetrant opening. Diameter of opening must be a min. 1 in. larger than O.D. of penetrant. Wall assembly must be capable of 2 hr. rating.
- 1B. Optional – Max. 18 in. diameter EMT, iron, or min. 28 gauge steel sleeve tightly fit into opening finished flush with wall surfaces.

2. Penetrant

- 2A. One of the following penetrants may be used.
 - I. Max. 12 in. steel or cast iron pipe.
 - II. Max. 6 in. copper pipe, copper tubing or steel conduit.
 - III. Max. 4 in. EMT pipe.
- 2B. Maximum 2 in. thick jacketed fiber glass insulation or unfaced mineral fiber insulation.

Annular space – Min. 0 in. (point of contact) to max. 2 in.

- 3. Firestopping – FlameSafe® FS 900+ Series Sealant.
 - 3A. Optional backer rod or mineral wool compressed into annulus as a damming material (not shown).
 - 3B. At wall surfaces apply FS 900+ into opening a minimum 1 in. deep. Add a 3/8 in. bead of sealant at any point of contact.

NOTES

- 1. This system drawing is provided to aid in the installation and selection of the UL listed design. The user shall refer back to the UL listed design for complete information required for submittal and approval purposes.
- 2. System design evaluated to the UL 1479 (ASTM E814) Fire Tests of Through-Penetration Firestops.
- 3. Please refer to the UL Fire Resistance Directory for components requiring UL classification.

Flamesafe® Firestopping Products

Firestop Assembly	Project:
Product: FlameSafe FS 900+ Series Sealant	Installer:
F Rating: 2 HOUR	Approval:
UL System: WJ5080	Date:
RS Dwg # WJ5080	Rev.# 000

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