
3M Company
Design No. 3MU/PF 120-01
Firestop System
3M™ Fire Barrier™ Ultra GS Wrap Strip
3M™ Fire Barrier™ IC 15WB+, CP 25WB+, and 3000WT
CAN/ULC-S115
Test Pressure Differential – 50 Pa
FT-Rating 15 minutes; F-Rating 120 minutes

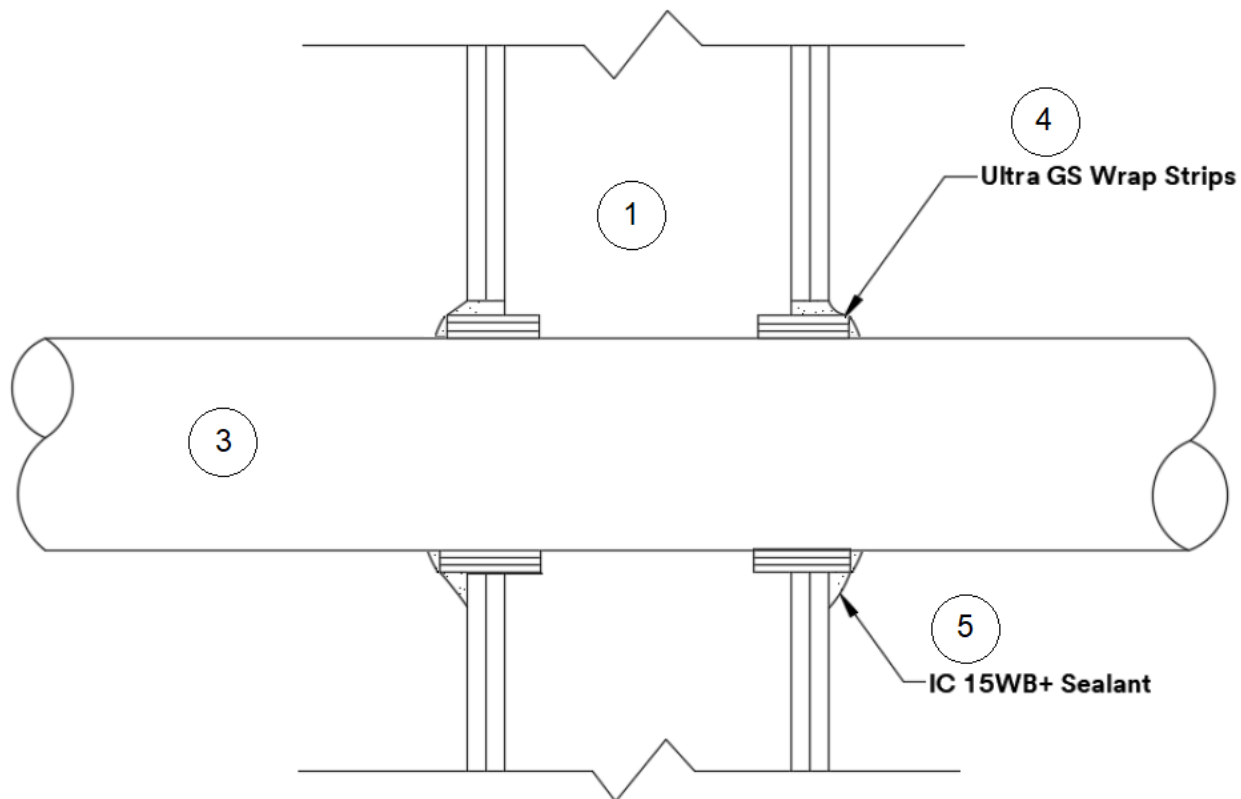


Figure 1. Firestop Detail

1. SUPPORTING CONSTRUCTION: Use minimum 120 minute CAN/ULC-S101 fire resistance wall assembly meeting the following minimum requirements:

- Framing: 26 GA steel studs and track; min. 3-5/8 in. deep; spaced maximum 24 in. on center.

- Gypsum Board: min. 5/8-in. thick Type X gypsum board, min. two layers on each side of wall.

2. THROUGH-OPENING: Refer to Figure 1. Create a 4 in. diameter through opening in the supporting construction (Item 1).



3. PENETRATING ITEM: nominal 3 in. diameter SDR-9 PEX pipe with 3-1/8 in. outside diameter. Set the penetrating item within the through opening such that it creates an annular space of 1/4 in. to 5/8 in. between the pipe and the gypsum board.

4. FILL, VOID OR CAVITY MATERIAL:

CERTIFIED PRODUCT: 3M Company, 3M™ Fire Barrier™ Ultra GS Wrap Strip, 2 in. wide

Apply a single layer of the 3M™ Fire Barrier™ Ultra GS Wrap Strip around the penetrating item such that it is in the annular space between the penetrating item and the gypsum board. Ensure that the 3M™ Fire Barrier™ Ultra GS Wrap Strip

extends 1/2 in. beyond the outside surface of the gypsum board.

5. FILL, VOID OR CAVITY MATERIAL:

CERTIFIED PRODUCT: 3M Company, 3M™ Fire Barrier™ IC 15WB+, CP 25WB+, or 3000WT sealant

Apply the sealant between the 3M™ Fire Barrier™ Ultra GS Wrap Strip and the gypsum board and at the edge interfaces of the 3M™ Fire Barrier™ Ultra GS Wrap Strip and the gypsum board. Ensure that the sealant is applied along the full perimeter of the annular space and the Ultra GS Wrap Strip edge.

Consult the listing report on the Directory of Building Products (<https://bpdirectory.intertek.com>) for the edition of the standard(s) evaluated.

Compliance of the assembly described in this Design Listing with the referenced standard relies on verification that the assembly constructed in the field is consistent with that described herein. Intertek certified products may be verified by the approved Intertek label; other products must be verified by the Authority Having Jurisdiction as meeting the specifications stated herein.