Fire Stopping Instruction Sheet

There is a wide range of fire stopping solutions that have been tested and listed with PEX pipe; including intumescent caulks, wrap strips, pass-through devices, collars and cast-in-place sleeves. Some fire stop manufacturers include, but are not limited to, 3M™, Hilti®, RectorSeal®, Passive Fire Protection Partners, Specified Technologies Inc., Holdrite® and ProSet Systems®.

The steps below show an example of how to research and find a listed fire stop assembly for PEX pipe.

**Step One**
Choose a fire stop solution manufacturer and consult their website or search the UL Online Certifications Directory for applicable listings. (See Figure 1.)

**Step Two**
Select the desired and specified features of the through penetration system. Defining the country of use, assembly type, penetrating item, fire stopping product and F rating of the system may help refine search results. (See Figure 2.)

**Step Three**
Review the system matches for accuracy and consider all available options. In regards to fire listings for pressure pipe applications, domestic water piping (Division 22, Section 22 11 16) and hydronic piping (Division 23, Section 23 21 13) may be defined as being “closed” or “pressure” type systems. (See Figure 3.)

**Figure 1: UL Online Certifications Directory**

**Figure 2: Select Appropriate Features**

**Figure 3: Search Results**
Step Four
Ensure the selected fire assembly document matches:

- Type of construction
- F rating of assembly
- Through penetrant defined as crosslinked polyethylene pipe or PEX pipe
- Range of pipe size being installed
- Penetration hole size and shape
- Fire stop solution availability

Note: It may be desirable to select a fire stop product that can be used for other MEP system penetrations such as DWV and conduit applications. This can help ease coordination on the jobsite during the fire stop installation.

Refer to the respective firestop manufacturer for more information pertaining to the appropriate application of their products. Be mindful of information stated in the published listings to ensure compliance during installation.

(See Figures 4, 5 and 6.)

![Figure 4: Fire Assembly Document](image1)

![Figure 5: Assembly Drawing](image2)

![Figure 6: Assembly Criteria](image3)