



## Fire Protection Products

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### CPVC compatibility with firestopping materials

According to the Plastic Pipe and Fittings Association (PPFA)<sup>i</sup> there are more than 20 manufacturers of CPVC (chlorinated polyvinyl chloride). The PPFA in their publication ‘*CPVC Piping Systems Installation Handbook: CPVC Hot & Cold Water Piping*’<sup>ii</sup> states:

**ALWAYS CHECK** with the pipe and fittings manufacturer if you have questions regarding chemical compatibility. If chemical compatibility with the plastic remains in question, it is recommended to isolate the suspect product from direct contact with the CPVC pipe or fittings.

#### Compatibility Concerns:

In general, CPVC piping products can be susceptible to stress cracking agents that can be found in certain ancillary products. The following list has been generated to create awareness that the potential for damage exists. **Contact the CPVC manufacturer for additional detailed information.**

Always check the relevant CPVC pipe manufacturers’ current compatibility list to determine the suitability of firestop products. The appearance of a firestop material in a UL system in conjunction with CPVC pipe is not necessarily an endorsement of compatibility, which may change with the CPVC pipe manufacturers’ processing and input changes. With respect to the performance of 3M firestop products installed in contact with CPVC piping, where installed in compliance with an appropriate UL or other accredited third-party firestop listing, we do have confidence the product will perform as expected in a fire scenario.

# 3M Fire Protection Products

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<sup>i</sup> "The Plastic Pipe and Fittings Association (PPFA) is a North American trade association comprised of member companies that manufacture plastic piping, fittings, and solvent cements for plumbing and related applications, or supply raw materials, ingredients, or machinery for the manufacturing process."

<https://www.ppfahome.org/aboutppfa.aspx>

<sup>ii</sup> [https://www.ppfahome.org/pdf/ppfa\\_cpvc\\_installation\\_handbook\\_2015.pdf](https://www.ppfahome.org/pdf/ppfa_cpvc_installation_handbook_2015.pdf)



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