



# BUILDING & CONSTRUCTION DIVISION



## PPI TN-69 on Spray Polyurethane Foam (SPF)

PPI's Building & Construction Division has released a new **Technical Note** that provides guidance about proper application of spray polyurethane foam (SPF) insulation around plastic piping materials installed in several types of plumbing & mechanical applications.

The spray polyurethane foam curing reaction is exothermic, which means that heat is generated during the foam reaction. Exposure of plastic pipes and fittings to temperatures above the rated operating temperature of each material, which may occur if pipes are encased in a thick layer of SPF, are likely to have negative effects on these materials, potentially leading to premature failure.

**PPI TN-67 Recommendations When Applying Spray Polyurethane Foam Insulation On and Around Plastic Pressure Pipes & Fittings** discusses proper application of spray polyurethane foam insulation to avoid damage due to excessive heat. It applies to applications on and around materials CPVC, PEX, PEX/AL/PEX, PE-RT, PP-R, PP-RCT, PSU, PPS, PPSU, and PVDF.

Much of the information in this document was provided by the Spray Polyurethane Foam Alliance (SPFA) which is an excellent source of knowledge of these types of insulation products and proper installation in numerous applications. <https://www.sprayfoam.org/>

Access the full content of **PPI TN-69** at [PPI TN-69 Recommendations When Applying Spray Polyurethane Foam Insulation On and Around Plastic Pressure Pipes & Fittings \(plasticpipe.org\)](https://www.plasticpipe.org/buildingconstruction)

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Distributed by The Plastics Pipe Institute, Building & Construction Division.