

# BUILDING & CONSTRUCTION DIVISION



## New PPI TN-57 – Copper Integration / PP-R Piping



The Plastics Pipe Institute (PPI) announces **Technical Note 57** related to proper integration of copper tubing and components with random copolymerized polypropylene (PP-R) piping materials for plumbing applications.

### ***TN-57 Proper Integration of Copper Tubing and Components with PP-R Piping Materials for Plumbing Applications***

explains how improper or excessive flow rates within mixed-material plumbing systems that contain both copper materials (i.e. tubing, fittings, valves) combined with PP-R piping materials can result in premature failure of both the copper components and the PP-R materials, potentially resulting in plumbing system leaks.

**Excerpt:** “In mixed-material plumbing systems which combine copper with PP-R piping materials, it is critically important to limit flow velocities through each copper component to ensure that flow-accelerated corrosion of said copper components will not result. . . This is important for the longevity of both the copper and the PP-R piping materials.”

TN-57 can be directly accessed at: <https://plasticpipe.org/pdf/tn-57.pdf>

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