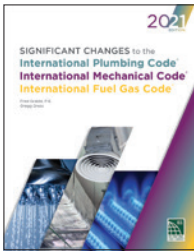


308.9

Bundled Hot Water Piping Insulation

This excerpt is taken from *Significant Changes to the International Plumbing/Mechanical/Fuel Gas Codes, 2021 Edition*.



The Significant Changes series takes you directly to the most important changes that impact projects.

Key changes are identified then followed by in-depth discussion of how the change affects real-world application. Photos, tables and illustrations are included to further clarify application.

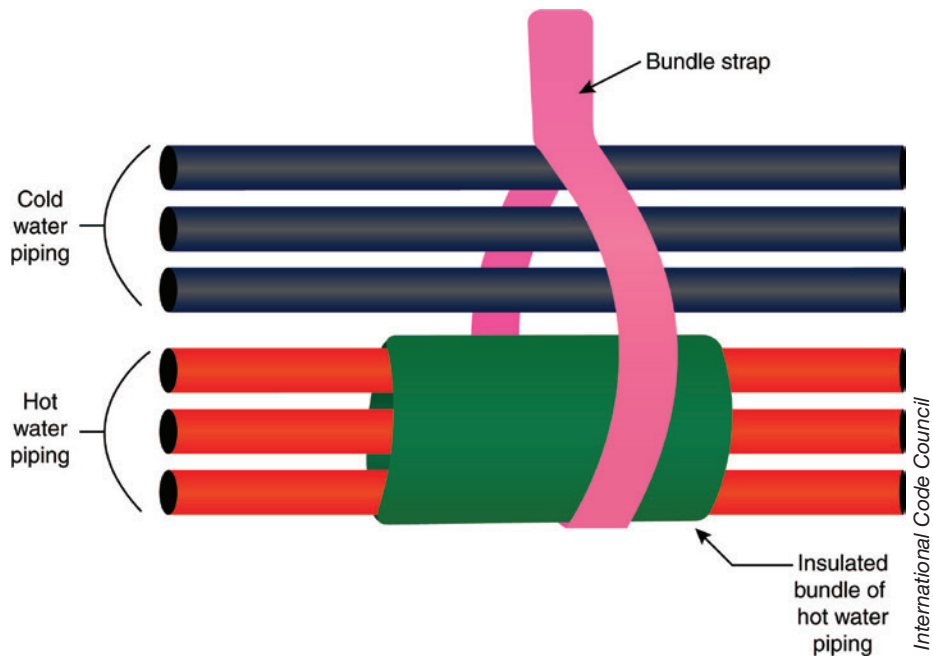
Available for the IBC, IRC, IFC, IECC and IPC/IMC/IFGC, the Significant Changes publications are very useful training and review tools for transitioning to a new code edition.

CHANGE TYPE: Modification

CHANGE SUMMARY: Where hot water piping for a manifold system is in a bundle with cold water piping, the hot water piping is required to be insulated but not necessarily individually insulated.

2021 CODE: 308.9 Parallel water distribution systems. Piping bundles for manifold systems shall be supported in accordance with Table 308.5. Support at changes in direction shall be in accordance with the manufacturer’s instructions. Where hot water piping is bundled with cold or hot water piping, each hot water pipe piping shall be insulated in accordance with Section 607.5.

CHANGE SIGNIFICANCE: The bundling of piping from manifold systems is often required very near the manifold. Individually insulating each hot water pipe (tube) in these bundles results in very large openings needed in framing members for the bundles to pass through. In those situations, the bundle of hot water piping can be insulated. The reference to Section 607.5 directs the code user to the requirements for pipe insulation.



Hot water piping bundled with cold water piping