



Application Bulletin- AB251009

PVC elimination

Summary

Geo-Flo has ceased production of PN 3425: Fitting Set, Flo-Link X 1-1/4" PVC and all other PVC products used in closed-loop ground source heat pump systems.

Background

The most recent version (2025) of the ANSI/CSA/IGSHPA C448 Standard "*Design and installation of ground source heat pump systems for commercial and residential buildings*" no longer permits PVC pipe as an allowable interior piping material for closed-loop systems. This change was driven by concerns of failure due to thermal expansion and contraction, as well as chemical interaction between the PVC and other substances present in the system. Geo-Flo will follow this recommendation and cease production of PN 3425: Fitting Set, Flo-Link X 1-1/4" PVC (Figure 1) and all other PVC products used in closed-loop ground source heat pump systems. In an installation not covered by the C448 standard one can substitute PN 3326: Fitting Set, Flo-Link X 1" FPT and a field supplied 1" MPT X 1-1/4" PVC for the 3425 (Figure 2).



Figure 1. PN 3425: Fitting Set, Flo-Link X 1-1/4" PVC is obsolete.



Figure 2. An alternative to PN 3425 is 1" MPT X 1-1/4" PVC and PN 3326.