

Thawing frozen piping

Uponor AquaPEX can withstand extreme freeze-thaw cycles better than other piping materials. The crosslinking of the piping allows it to expand and absorb much of the expansion energy from the freezing process. No piping product is freeze-proof, but Uponor AquaPEX piping is extremely resistant to freeze damage.

If freezing occurs, the contractor should advise the end user to correct the lack of insulation or heat to eliminate the problem from reoccurring.

Should Uponor AquaPEX piping experience an ice blockage, thaw the piping using one or more of the following methods.

- Pour hot water over the affected portion of piping.
- Wrap hot towels around the affected portion of piping.
- Place a small portable heating unit in the area to heat the space and thaw the ice blockage from the piping.
- Slowly heat the affected area with a hair dryer. Rub a hand over the area while heating to ensure the piping does not get too hot.



Figure C-2: CPVC vs. PEX freeze test