

USE OF INSULATION PRODUCTS FOR FREEZE PREVENTION

Insulation products are often used to prevent pipes from freezing. Insulation slows heat loss in pipes and will prevent pipes from freezing for short periods of time. Specific recommendations will depend on the conditions. Use of insulation in freeze prevention is very effective in climates where temperatures fluctuate quickly and cold snaps do not last long. Insulation products will retard heat loss, thus prolonging the time before pipes will freeze. Given enough time, pipes will freeze if there is no heat input or fluid flow.

For severe or prolonged periods of below freeze conditions, the use of heat tapes is recommended. All Nomaco Insulation products can be used with heat tapes with the exception of foam tapes which are not recommended for use with heat tapes/trace.

The Nomaco Insulation Technical Service Group can provide thickness recommendations. Recommendations will depend on ambient temperatures, pipe size, length of pipe, length of time below freezing, and water flow. It is important that the entire pipe is insulated, including elbow and tees.

Insulation products, installed properly, will prolong the time before plumbing pipes will freeze in temperatures below 32°F.