

ComfortPro®

TECHNICAL BULLETIN

Polymer Fittings F-1960 & F-2159



Special considerations for use and storage...

Chemical Resistance:

Some chemicals can cause damage and should not come in contact with polymer fittings. These chemicals include (but are not limited to): Adhesives, petroleum based substances, paints, solvents, oxidizing agents, disinfectants, PVC primers/solvents/cements, leak detection liquids, oil/lubricants, pipe dopes, ethylene glycol, or other volatile compounds. It is the responsibility of the installing contractor to verify compatibility of any chemicals that come into contact with the PPSU fittings.



Spray-Foam Compatibility

Some not all spray-foam insulation products are approved for use with PEX tube and fittings. It is the responsibility of the installing contractor to refer to information provided by the insulation manufacturer and verify compatibility of any foam or chemical foaming agents that will come into contact with AquaHeat or AquaSeal pipe and fittings, including polymer/poly fittings.



Heat / Flame:

Do not subject polymer fittings to open flame. Do not solder within 18" of polymer fittings. Flame or heating sources beyond material tolerances must be avoided.



U.V. / Sunlight:

Polymer fittings should be protected from UV exposure. UV radiation can significantly decrease ductility, strength, and impact resistance. Fittings that have been exposed to harmful UV radiation should be discarded.

Temperature / Radiant Heating:

The maximum short-term working temperature (30 days) of fittings: 210 °F (99 °C) @ 150 PSI. Constant Working Temperature: 140 °F (60 °C) @ 55 PSI. PPSU fittings are suitable for radiant heating and cooling applications under the following conditions:

1. Use only propylene glycol - Max: 60% by volume
2. DO NOT USE ETHYLENE GLYCOL WITH PPSU FITTINGS
3. Maximum temp: 194°F (90°C) at 44 PSI
4. Recommended Corrosion Inhibitors: Metal Guard™ H50 (6% by volume), H60 (4% by volume), H80 (4% by volume)



AquaHeat



AquaSeal



AquaMelt



Terre-Pex