

ASTM F-876 / F-877 / F-2023

NSF- 61

CSA B137.5

ICBO

IAPMO

ICC

ASTM F 1960: Standard Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-Linked Polyethylene (PEX) Tubing

ASTM F 1807: Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-Linked Polyethylene (PEX) Tubing

ASTM F 2098: Standard Specification for Stainless Steel Clamps for Securing SDR9 Cross-Linked Polyethylene (PEX) Tubing to Metal Insert Fittings

ASTM F 2159: Standard Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-Linked Polyethylene (PEX) Tubing

IAPMO – IGC 188: Removable and Non-Removable Push Fit Fittings ASSE Standard – 1061

Important Notice

All AquaSeal products should be installed by a licensed plumbing contractor. It is the sole responsibility of the installer to verify that the product meets local standards.

Like most plastic material, crosslinked polyethylene is subject to ultraviolet (UV) deterioration and must not be exposed to direct or indirect sunlight, unless it is UV protected. Storage outside is not recommended but if this becomes necessary, the pipe must be covered with a material which will protect it from ultraviolet light. Failure to do so will void the warranty.

For best results install AquaSeal pipe and fittings with ambient temperature above 40 degrees.

Durable	Strongest plumbing pipe available, three times stronger than steel.
Environmentally Sound	PEX pipe is inert and nontoxic. Fittings are lead free.
Ease of Installation	Flexibility eliminates fittings and labor.
Clean Smooth Surfaces	Pipe walls will not collect mineral scale or corrosion.
Noise Reduction	Eliminates water hammer noise common in metal systems.
Equalized Pressure Drops	Minimizes hot and cold surges found in branch and tee systems.
Multiple Joining Methods	Cold expansion with PEX ring, copper crimp ring stainless locking clamp, stainless press sleeve.
Multiple Repair Methods	Cold expansion with PEX ring, copper crimp ring stainless locking clamp, stainless press sleeve.
Cost Effective	Material costs 1/3 of copper, labor savings up to 40%.
Easier to Mount	Reduced material weight smaller mounting and hanging methods.
Conserves Energy and Water	Approved for continuous recirculation of hot water.
Resistance to Freeze Damage	PEX expands with freezing water minimizing pipe splitting.
Multiple Design Options	Home run, trunk and branch, remote manifold, or combination of all.
Chlorine Resistance	AquaSeal Pex is manufactured to meet the new Chlorine standard ASTM F2023.
8 Plenum Rated	May be run in drop ceilings and chases.
Warranty	25 year limited.

Should not be exposed to open flame.

Should not be permanently exposed to UV light.

Should not use bituminous (coal tar) glue or any material that affects the basic properties of crosslinked polyethylene.

Should not be used in excess of 180°F and 100psi.

Should not install within 6" of any gas appliance vent piping, or within 12" of any recessed light fixtures.

Should not solder pipe connections within 16" of any AquaSeal pipe in the same water line.

Should not come into contact with low molecular weight petroleum products such as fuels or solvents..

Should not be used for LP or natural gas.

Should not be installed below 40 degrees F for best results installation of fittings.

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Plastic Fittings

The following recommendations are intended to provide individuals with guidelines for the safe handling, storage and installation of ProPlas insert fittings. An understanding of the strengths and limitations of ProPlas insert fittings will help to ensure that they maintain optimum performance characteristics throughout the life of the system.

In all phases of ProPlas product handling, from the manufacturing facility to the shipping company, in warehousing and ultimately into the possession of the contractor, the following controls must be implemented.

DO NOT allow fittings come into contact with solvents, oils or grease products.

DO NOT lubricate fitting insert barbs.

USE ONLY Teflon® thread tape on Poly-Alloy male threads