# AquaSeal

Aquaseal product offering

AquaSeal uses only cross-linked polyethylene tubing. Known as PEX, cross-linked polyethylene offers distinct advantages over both metal piping materials and other plastic alternatives. Our pipe is virtually maintenance free. It is corrosion resistant, flexible, and remarkably clean. Long used worldwide, PEX has an outstanding and unblemished track record of quality performance. PEX's cross-linked molecular structure offers toughness and lasting durability. Our cross-linked polyethylene piping withstands temperatures ranging from below freezing to above the boiling point. Because it is pliable, a 1/2" section of pipe can be cold bent into a 3" radius without affecting tubing integrity. The material is highly crush resistant and can be submerged in concrete or earth without any damage.




AquaSeal Pex-A pipe. in red, blue, and natural colors. Tubing is made using the Engel method. The Engel method is a hot cross-linking process, meaning the actual cross-linking takes place during the extrusion process when the base polyethylene is above its crystal melting temperature. The Engel method provides more precise control over the degree, consistency and uniformity of cross-linking. This means the tubing is evenly cross-linked, with no weak links within its molecular chains.
Available in 3/8”,1/2”, 3/ 4”, 1” pipe sizes.  Avaiable in 20’, 100’, 300’,  1,000’ lengths.

AquaSeal SDR-9  large diameter pipe is available in natural color in 1-1/4”, 1-1/2”, and 2” pipe sizes. It is avaiable by the foot, 20’, 100’, and 300’ lengths.

AquaSeal SDR-11  large diameter pipe is available in natural color in 40mm, 50mm, 63mm, 75mm, 90mm, 110mm  pipe sizes. It is avaiable by the foot, 20’, 100’, and 300’ lengths.

AquaSeal Pex-C pipe in red, blue, and natural colors. Tubing is manufactured using the irradiation method of cross-linking. The Irradiation method the pipe is extruded first and then sent through an accelerator to complete the cross-linking process. The Irradiation method provides more precise control over the degree, consistency and uniformity of cross-linking. This means the tubing is evenly cross-linked, with no weak links within its molecular chains.
Available in 3/8”,1/2”, 3/4”, 1” pipe sizes.

AquaSeal Pex-C Pipe-N-pipe available in red and blue colors. Tubing is manufactured using the irradiation method of cross-linking.and has a corrugated outer jacket. The Irradiation method the pipe is extruded first and then sent through an accelerator to complete the cross-linking process. The Irradiation method provides more precise control over the degree, consistency and uniformity of cross-linking. This means the tubing is evenly cross-linked, with no weak links within its molecular chains.
Available in,1/2”, 3/4”, 1” pipe sizes.

# AquaSeal

Brass and Plastic fittings

AquaSeal cold expansion F1960 lead free brass fittings conform to ASTM F877, F1960, NSF-61, PW-G, CAN/CSA B137.5 standards. Pex rings are manufactured from Pex-A material and includes a leading edge chamfer and stop edge. F1960 fittings can be used on Pex plumbing and radiant heating systems. F1960 fitting connections are completed using a manual or powered PEX expander tool.





AquaSeal brass fittings meet the requirements of ASTM F1807 & CSA B137.5 standards




Aquaseal ProPlas insert fittings are manufactured to ASTM F-2159 & CSA B137.5 standards




AquaSeal ProPlas series polymer insert fittings for use with CTS-OD, SDR9 cross-linked polyethylene (Pex) tubing represent a new generation of joining products specifically designed for Pex hot-cold water distribution systems. The ProPlas series of fittings is produced from an engineering thermoplastic polymer called Acudel® developed by Solvay Advanced Polymers, L.L.C. Acudel® resin offers many improved performance characteristics that make it an excellent choice for molded components installed in the demanding environment of a hot and cold water plumbing or heating system.

Key Features:

- Superior resistance to environmental stress cracking
- Exceptional mechanical toughness, ductility and resistance to creep
- Excellent hydrolytic stability to hot water
- Excellent resistance to chlorinated water and many other oxidative agents
- Fully approved, certified and listed for use in potable water systems
- Suitable for use in hydronic radiant heating systems

AquaSeal cold expansion F1960 Poly plastic fittings are manufactured from Acudel, a modified polyphenlsylfone (PPSU) that conforms to ASTM F877, F1960, NSF-61, PW_G, CAN/CSA B137.5 standards. Rings are manufactured from Pex and includes a leading edge chamfer and stop edge. F1960 Poly fittings can be used on Pex plumbing systems. F1960 fitting connections are completed using a manual or powered PEX expander tool.





AquaSeal F1807 Poly Mini Manifolds are manufactured from Acudel, a modified polyphenlsylfone (PPSU) that conforms to ASTM F877, F1960, NSF-61, PW_G, CAN/CSA B137.5 standards. Poly Mini Manifolds can be used on Pex plumbing systems. F1807 manifold fittings connections are completed using Pinchlok clamps or stainless steel press sleeves.