



PEX Pipes

Rifeng PEX systems provide a safe, economical and energy-efficient piping alternative for water distribution, radiant floor heating, municipal water supply, geothermal climate control, snow melt and drip irrigation.

Rifeng PEX is chlorine-resistant, corrosion-resistant, freeze-damage and abrasion-resistant. The excellent thermal properties of PEX are ideal for hot and cold water distribution.

Rifeng PEX tubing, fittings, valves, and manifolds are designed to be used as a complete system. The promise of quality is backed by the Rifeng warranty, customer service expertise, specification and selection assistance.

Operating Limits

Water:

160 PSI @ 73° F (1.10 MPa @ 23° C)
 100 PSI @ 180° F (0.69 MPa @ 82° C)
 80 PSI @ 200° F (0.55 MPa @ 93° C)

Chlorinated Water:

80 PSI @ 140° F (0,55 MPa @ 60° C)
 The water temperature must be 140° F (60° C) or lower and the water pressure must be 80 PSI (0,55 MPa) or lower

Thermal Expansion

Heated water expands and must be accommodated within the plumbing system. Protection against increased water pressure from thermal expansion utilizing a pressure relief valve and expansion tank to keep pressure under the maximum of 80 PSI (0,55 MPa) must be incorporated in the system.

Rifeng PEX Pipe Offers Significant Advantages:

- ▶ Rifeng PEX is pliable and can be easily straightened after removal from the coil.
- ▶ Rifeng PEX has greater dimensional stability. The outside diameter dimensions of our tubes are held to strict tolerances. This means a better fit for you with no sliding of copper crimp rings on the tube.
- ▶ Rifeng PEX is of the best chlorine-resistant.
- ▶ Rifeng PEX is non-toxic and employs no toxic chemicals in the manufacturing process.
- ▶ Rifeng PEX will not leach taste or odor and keeps water clear and clean.

Rifeng PEX requires fewer fittings than a traditional rigid plumbing system and is easier to install.



Rifeng PEX non barrier pipes

Manufactured with the cross-linked polyethylene, Rifeng PEX pipes boost more elaborated polyethylene performances without losing the excellent properties of thermoplastics. Offering excellent corrosion resistance, incredible flexibility and unusual toughness, our PEX pipes allow fastest and easiest installation.

Rifeng PEX barrier pipes

With the same properties as PEX non barrier pipes, Rifeng PEX barrier pipe keep oxygen and other elements from infiltrating and corrupting the key mechanical components in heating system such as keeping boiler from rusting. It is advisable to use PEX pipes with EVOH in heating system.

Codes, Listings and Standards

RIFENG systems are manufactured in accordance with American Society for Testing and Materials (ASTM) F1281 for PEX/AL/PEX and F 876 /877 for SDR-9 PEX. They are listed by the National Sanitation Foundation to NSF Standards 14 and 61 for use in both in potable water and radiation systems.

RIFENG potable water system labeled "CI-TD" meets the requirements for use in chlorinated traditional domestic systems.

All RIFENG systems labeled with "cNSFus for PEX/AL/PEX and PEX" are certified to CSA Standard B137.10 and B137.5. RIFENG systems are also listed by DVGW (Deutsche Vereinigung des Gas- und Wasserfaches)–the German Certifying Institute for Gas and Water Installations.



PEX Pipes

Available in four colors: red, blue, white and transparent.



Oxygen Barrier Pex Tubing



Specification	Length
Coils 1/8"	250ft/300ft/500ft/1000ft
1/4"	250ft/300ft/500ft/1000ft
3/8"	250ft/300ft/500ft/1000ft
1/2"	100ft/250ft/300ft/500ft/1000ft
5/8"	300ft/500ft/1000ft
3/4"	100ft/250ft/300ft/500ft/1000ft
1"	100ft/300ft/500ft

Potable Water Pex Tubing



Specification	Length
Coils 1/8"	250ft/300ft/500ft/1000ft
1/4"	250ft/300ft/500ft/1000ft
3/8"	250ft/300ft/500ft/1000ft
1/2"	100ft/250ft/300ft/500ft/1000ft
5/8"	100ft/300ft/500ft/1000ft
3/4"	100ft/250ft/300ft/500ft/1000ft
1"	100ft/300ft/500ft
1 1/4"	100ft/300ft

Straight Lengths Pex Tubing (Potable & Barrier)



Specification	Length
Sticks 3/8"	20ft/10ft/5ft
1/2"	20ft/10ft/5ft
5/8"	20ft/10ft/5ft
3/4"	20ft/10ft/5ft
1"	20ft/10ft/5ft