

QTITE Product Data Sheet

Manufacturer:

Elkhart Products Corporation
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System Overview:

The need to provide energy efficient, safety conscious and cost effective installation has driven to the development of push-connect fitting technology. QTITE push-connect fittings address these criteria by joining plumbing tube in the most efficient, safe, and cost effective manner available today. QTITE fittings are designed to join Copper and CPVC tube in the ½” to 2” size range, and PEX tubing in the ½” to 1” size range (requires a tube liner).

System Benefits:

- No special tools required.
- Reduced installation time.
- No Wire Brush, No Flux, No Solder, No Flame.
- No Mess, only a clean, neat, appearance after installation – no heat, no tarnish, no solder buildup.
- Fitting bodies meet ASME B16.22 material and performance standards.
- EPDM o-ring seal.
- Nylon guide ring.
- 316 Stainless Steel grab ring.
- QTITE fittings surpass rigorous mechanical and health effects performance requirements, including IAPMO IGC 188-2004c, ANSI/NSF 61, and ICC AC 311.
- 50 year Warranty

Approvals:

IAPMO UPC/IAPMO File number 4951, State of Massachusetts File number P1-0906-47

Additional Approvals & Listings will be added to this list in the future.

Approved Applications:

ASTM B88 Tube Types - K, L, M drawn (hard) copper tube from ½” to 2” and annealed (soft) copper tube in ½” to 1 ¼” Nominal Sizes.

CPVC water tube per ASTM D2846/2846M-99.

PEX water tube that meets the requirements of ASTM F876, F877 using a tube liner as provided by EPC.

Approved Applications – Potable water, hot water heating, chilled water systems within the pressure – temperature rating stated below. Other applications? Contact EPC’s technical representatives for application specific information. Note – plumbing systems must be installed in compliance with local plumbing codes.

Pressure – Temperature Rating:

QTITE fittings are pressure rated at 200 psig (13.8 bar) over a temperature range, for various liquids, various gasses from 0° F to 250° F (-18° C to 121° C).

Warranty:

QTITE fittings carry a 50 year warranty against material defects and workmanship.



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