



Small Diameter TECTITE Product Data Sheet

Manufacturer:

Elkhart Products Corporation
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Elkhart, Indiana 46515
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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. TECTITE push-connect fittings address these criteria by joining plumbing tube in the most efficient, safe, and cost effective manner available today. TECTITE fittings are designed to join Copper, CPVC tube and PEX (requires a tube liner) tubing in the ½” to 1” size range.

System Benefits:

- No special tools required for installation.
- 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 & B16.18 dimensional and performance standards.
- EPDM o-ring seal.
- Nylon guide ring.
- 316 Stainless Steel grab ring.
- TECTITE Fittings are removable.
- TECTITE Fittings may be re-used.
- TECTITE fittings surpass rigorous mechanical and health effects performance requirements, including ASSE 1061, ANSI/NSF 61, and ANSI/NSF 14.
- TECTITE fitting bodies are produced using a dezincification resistant brass (DZR).
- TECTITE fittings are available in DZR brass, Low Lead (<0.25%) DZR brass & No Lead Copper.
- 50 year Warranty

Approvals:

IAPMO cUPC® listed, File number 4951, and meets both the UPC and IPC plumbing codes.
State of Massachusetts File number P1-0906-47 & P1-1107-84, State of Michigan No 1561 PA, State of Kentucky
State of South Dakota, State of Minnesota, State of Wisconsin, State of Louisiana

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 and annealed (soft) copper tube in ½” to 1” 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. TECTITE fittings can be utilized in underground applications, and as manufactured joints, behind walls without access panels. Local code officials and or plumbing inspectors should be consulted to insure underground installations are in compliance with local plumbing regulations. 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:

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

Warranty:

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

