

SMALL DIAMETER FITTINGS

PRODUCT DATA SHEET

TECTITE™
by "Apollo"



MANUFACTURER:

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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) and PE-RT (requires a tube liner) tubing in the 1/2" 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.
- Lifetime 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 1/2" 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.
- PE-RT must comply with the requirements of ASTM F2769 using EFC PEX inserts.
- Approved Applications – Potable water, hot water heating, chilled water systems within the pressure – temperature rating stated below. Other applications? Contact Apollo® Flow Controls 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 32° F to 250° F (0° C to 121° C) with various liquids, and gasses.

WARRANTY

TECTITE™ fittings carry a lifetime warranty against material defects and workmanship.