

## SUBMITTAL SHEET

|                   |             |
|-------------------|-------------|
| JOB NAME          | ITEM TAG    |
| JOB LOCATION      | PART NUMBER |
| CONTRACTOR        | DATE        |
| ENGINEER APPROVAL | DATE        |

### LEAD-FREE PACK JOINT TEE

#### T-4441NL

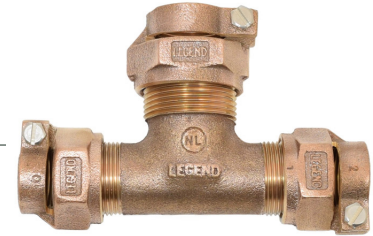
Lead-free design is suitable for all no-lead potable water installations, in full compliance of the lead-free plumbing laws.

Designed and manufactured for the repair of, or new underground water service applications only.

CTS pack-joint end connections provide the maximum pullout resistance against internal pressure variations and backfilling stress.

Insert stiffeners (Model T-4500, sold separately) are required at each pack-joint connection, when installing Polyethylene (PE) plastic tubing.

Available in nominal sizes 3/4" and 1" copper-tubing-size.



**Pictured:**  
**T-4441NL**  
Cut-away view

#### Working Pressure, Non Shock (PSI)

\*Potable water at or below 100° F: 3/4" and 1": 100 psi

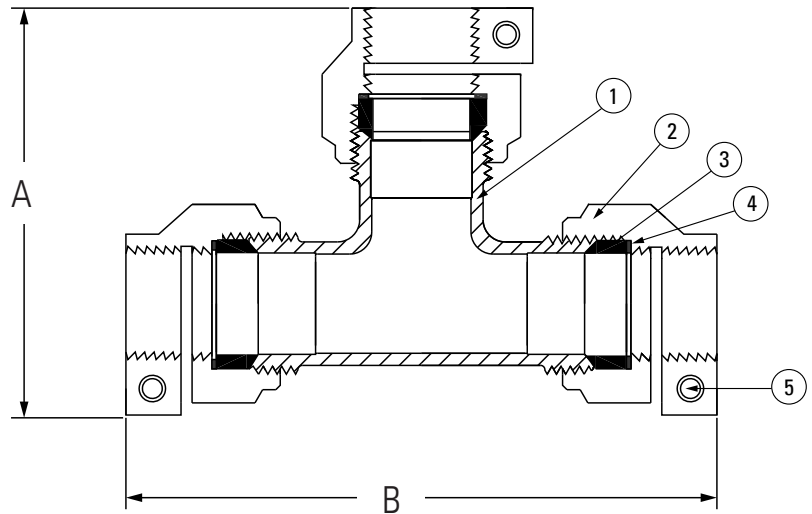
\*In accordance with AWWA C800

Saturated Steam (WSP): Not suitable for steam service

#### DIMENSIONS

| Nominal size: PJ x PJ x PJ | A    | B    |
|----------------------------|------|------|
| 3/4"                       | 3.66 | 5.30 |
| 3/4" x 1"                  | 3.84 | 5.87 |
| 1" x 3/4"                  | 3.68 | 5.36 |
| 1"                         | 3.80 | 5.48 |

Note: All dimensions are approximate; based on hand-engagement of the pack-joint nut onto the body.



**Pictured:**  
**T-4441NL**  
Cut-away view

#### MATERIAL SPECIFICATION

| PART                            | MATERIAL                     | SPECIFICATION        |
|---------------------------------|------------------------------|----------------------|
| 1 Body                          | Lead-free cast bronze        | ASTM B584 UNS C89836 |
| 2 Pack-joint nut                | Cast bronze                  | ASTM B584 UNS C83600 |
| 3 Pack-joint gasket             | Buna-N (NBR) nitrilic rubber | Commercial grade     |
| 4 Pack-joint anti-friction ring | Nylon* resin                 | Commercial grade     |
| 5 Pack-joint clamp bolt         | Stainless steel              | AISI grade 304       |

\*Nylon is a registered trademark of the DuPont company

#### Certifications/Specifications

Third-party tested and certified in compliance with U.S. Federal Public Law 111-380 (National lead-free plumbing law).

Manufactured in full compliance to AWWA C800 Specifications (current revision).

Pack-joint end connections are designed to be installed onto the following tubing types:

- Types K or L copper water tubing compliant with ASTM B88.
- Polyethylene plastic tubing compliant with ASTM D2737 SDR 9 (Model T-4500 insert stiffener required).

Manufactured in an ISO accredited facility.