

## SUBMITTAL SHEET

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

# LEAD-FREE FORGED STEEL DIELECTRIC UNION (1/2" TO 2")

## T-571NL (1/2" - 2")

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

High-strength, galvanized forged steel construction make them ideal for residential and commercial applications.

Designed to reduce stray current and galvanic corrosion where two dissimilar metals are joined.

Self-aligning, non-conductive elastomer gasket and thermoplastic insert create a positive seal and complete isolation between the tubing and piping ends.

Available in sizes 1/2" to 4"\* in the FNPT x Sweat configuration and 1/2" and 3/4" in the MNPT x Sweat configuration.

\*Note: Sizes 2-1/2" to 4" are flange-type body construction. See T-571NL 2-1/2" to 4" submittal sheet for details.

- Third-party tested and certified in compliance with U.S. Federal Public Law 111-380 (National lead-free plumbing law).
- Meets NSF 372 lead content requirements.
- Tensile strength, dimensional and galvanized coating requirements conform to ANSI/ASME B16.39.
- Threaded pipe end connections conform to ANSI/ASME B1.20.1
- Sweat tubing end connections conform to ANSI/ASME B16.18
- Manufactured in an ISO accredited facility



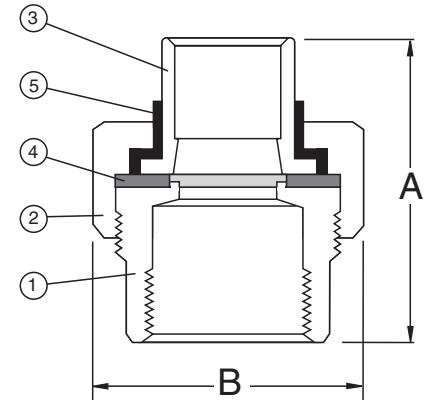
**Pictured**  
T-571NL (1/2" - 2")



### Working Pressure, Non Shock (PSI)

Cold working pressure (CWP): 200 p.s.i. up to 180°F

MATERIAL SPECIFICATION		
PART	MATERIAL	SPECIFICATION
1 Body	Forged carbon steel, galvanized	AISI 1008A
2 Union nut	Forged carbon steel, galvanized	AISI 1008A
3 Solder adapter	Lead-free forged brass	JIS C6806
4 Gasket	EPDM rubber	Commercial grade
5 Insert insulator	ABS resin	Commercial grade



**Pictured**  
T-571NL (FNPT x Sweat)  
Cut-away

DIMENSIONS		
Size	A	B
1/2" FNPT x Swt	1.84	1.44
3/4" FNPT x Swt	2.07	1.63
3/4" FNPT x 1/2" Swt	1.86	1.63
1" FNPT x Swt	2.27	1.88
1" FNPT x 3/4" Swt	2.25	2.13
1-1/4" FNPT x Swt	2.48	2.26
1-1/2" FNPT x Swt	2.53	2.62
2" FNPT x Swt	2.70	3.51
1/2" MNPT x Swt	2.75	1.44
3/4" MNPT x Swt	2.98	1.63
3/4" MNPT x 1/2" Swt	2.75	1.63