

SUBMITTAL SHEET

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

NO LEAD LARGE DIAMETER DIELECTRIC UNION

T-571NL (2-1/2" - 4")

High-strength, galvanized cast iron construction make them ideal for commercial and industrial 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.

Optional high-temperature gaskets and inserts are available for steam and hydronic heating applications.

Available in sizes 2-1/2" to 4" FIP x sweat configuration.

*Note: Sizes 1/2" to 2" are of forged steel body construction. See (T-571 1/2" to 2") submittal sheet for details.

Working Pressure, Non Shock (PSI)

Cold working pressure (CWP): 200 psi up to 180° F

275° F (continuous) / 300° F (intermittent)*

Saturated steam (WSP): 5 psi maximum*

*When equipped with the optional steam gasket (not included, available separately).

MATERIAL SPECIFICATION		
PART		MATERIAL
1	Body (Companion Flange)	Cast Iron, Galvanized
2	Body (Adapter Flange)	Cast Iron, Galvanized (2-1/2" & 3") Cast Bronze with Integral Solder Cup (4")
3	Solder Adapter (2-1/2" & 3" Only)	Forged Brass
4	Gasket	EPDM Rubber
5	Insert Insulator	ABS Resin
6	Bolt	Carbon Steel, Galvanized
7	Nut	Carbon Steel, Galvanized

DIMENSIONS				
Size	A	B	C	D
2-1/2" FNPT x Sweat	3.89"	6.12"	0.80"	4.06"
3" FNPT x Sweat	3.92"	6.75"	0.82"	5.25"
4" FNPT x Sweat	4.01"	9.12"	1.02" / 0.63" [†]	7.50"

[†]Bronze sweat companion flange thickness (4" only).

Certifications/Listings:

Third-party certified.

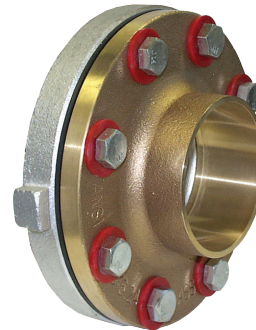
NSF/ANSI 372: Drinking water system components - lead content.

Standards:

ANSI/ASME B1.20.1: Pipe threads, general purpose, inch.

ANSI/ASME B16.18: Wrot copper and copper alloy solder-joint pressure fittings.

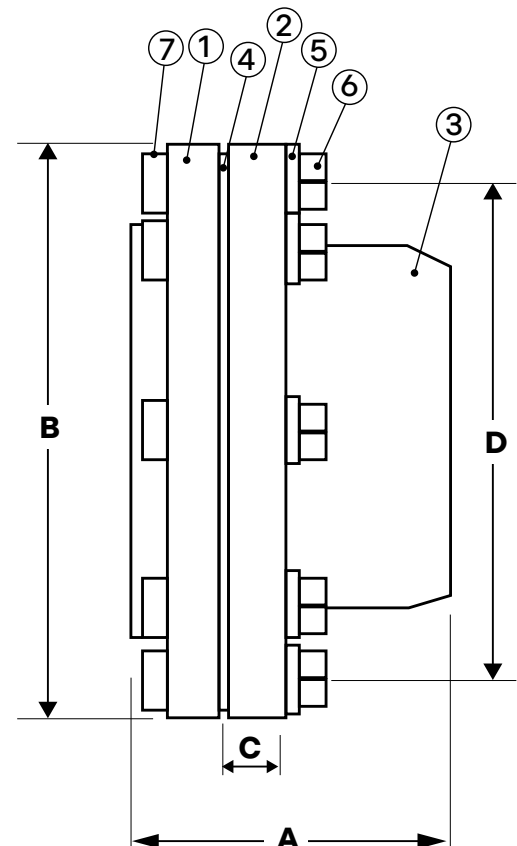
ANSI/ASME B16.24: Bronze class 150 flanges (4" only).



Pictured:
T-571NL
(4")



Pictured:
T-571NL
(2-1/2" - 3")



Pictured:
4" T-571NL
Cut-Away