

SUBMITTAL SHEET

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

NO LEAD LARGE DIAMETER DIELECTRIC UNION

P-571NL 2-1/2" - 4"

Press-to-connect connections are designed for installation onto ASTM B88 types K, L and M hard-drawn copper tubing.

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.

Approved for use in hydronic heat and chilled water with propylene glycol, up to 50%.

Can be used in compressed air distribution systems, with a maximum of 25 mg/m³ of oil concentration.

Uses commercially available XL-C / CTS-V profile jaws.

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

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 Grip Ring	Spring Steel
2 Press O-Ring	EPDM
3 Press Adapter	Lead-Free Forged Brass
4 Bolt	Carbon Steel, Galvanized
5 Press Side Flange	Cast Iron, Galvanized
6 Insulator Sleeve	Nylon
7 Gasket	EPDM
8 Threaded Flange	Cast Iron, Galvanized
9 Nut	Carbon Steel, Galvanized
10 Washer (4" Only)	Carbon Steel, Galvanized
11 Bolt Sleeve (4" Only)	Nylon

DIMENSIONS

Size	A	B	I (Insertion Depth)
2-1/2"	4.58"	6.00"	1-9/16"
3"	4.68"	6.62"	1-3/4"
4"	4.68"	9.25"	2-1/8"

Certifications/Listings:

Third-party certified.

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

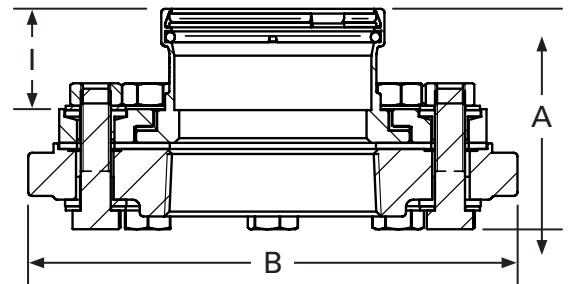
Standards:

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

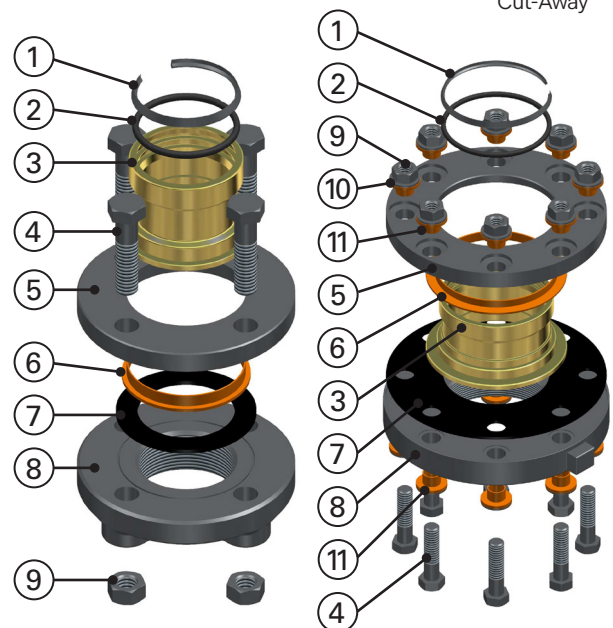
ANSI/ASME B16.51: Copper and copper alloy press-connect pressure fittings.



Pictured:
P-571NL



Pictured:
4" P-571NL
Cut-Away



Pictured:
2-1/2" & 3" P-571NL
Exploded View

Pictured:
4" P-571NL
Exploded View