

## SUBMITTAL SHEET

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



### NO LEAD FORGED STEEL DIELECTRIC UNION (1/2" TO 2")

#### P-571NL (1/2" - 2") PATENT PENDING

Lead-free design is suitable for all no-lead potable water installations, in full compliance of the National lead-free plumbing law (111-380).

Made 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.

With high-strength, galvanized forged steel construct, the P-571NL is intended for both residential and commercial applications.

Manufactured for installation onto ASTM B88 types K, L, and M hard-drawn copper tubing. Coiled (annealed) soft copper tubing is not recommended for use with this product.

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

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

#### MATERIAL SPECIFICATION

PART	MATERIAL	SPECIFICATION
1 Press socket O-ring	EPDM rubber	Commercial grade
2 Press adapter	Lead-free brass	UNS Alloy C46500
3 Adapter O-ring	EPDM rubber	Commercial grade
4 Union nut	Forged carbon steel, galvanized	AISI Alloy 1008A
5 Insert insulator	ABS resin	Commercial grade
6 Adapter baseplate	Lead-free brass	UNS Alloy C46500
7 Gasket	EPDM rubber	Commercial grade
8 FNPT and MNPT adapter	Forged carbon steel, galvanized	AISI Alloy 1008A

#### DIMENSIONS

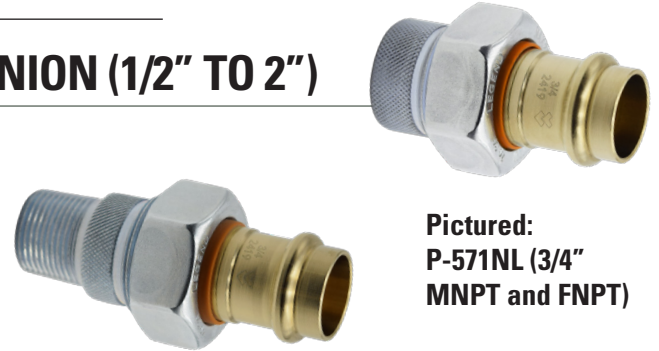
Nominal Size	A	B	C
1/2" FNPT x Press	2.65	1.63	1.10
3/4" FNPT x Press	2.80	1.88	1.18
1" FNPT x Press	3.04	2.26	1.18
1-1/4" FNPT x Press	3.24	2.75	1.18
1-1/2" FNPT x Press	3.50	3.51	1.38
2" FNPT x Press	4.00	4.00	1.57
1/2" MNPT x Press	3.58	1.63	1.10
3/4" MNPT x Press	3.75	1.88	1.18

#### Certifications/Listings:

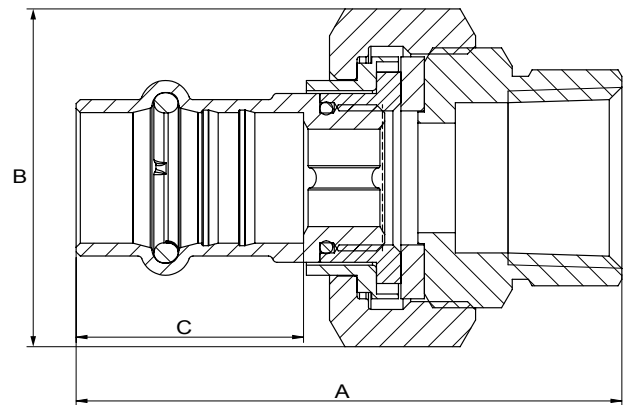
Third-party certified.  
NSF/ANSI 61: Drinking water system components - Health effects.  
NSF/ANSI 372: Drinking water system components - Lead content.

#### Standards:

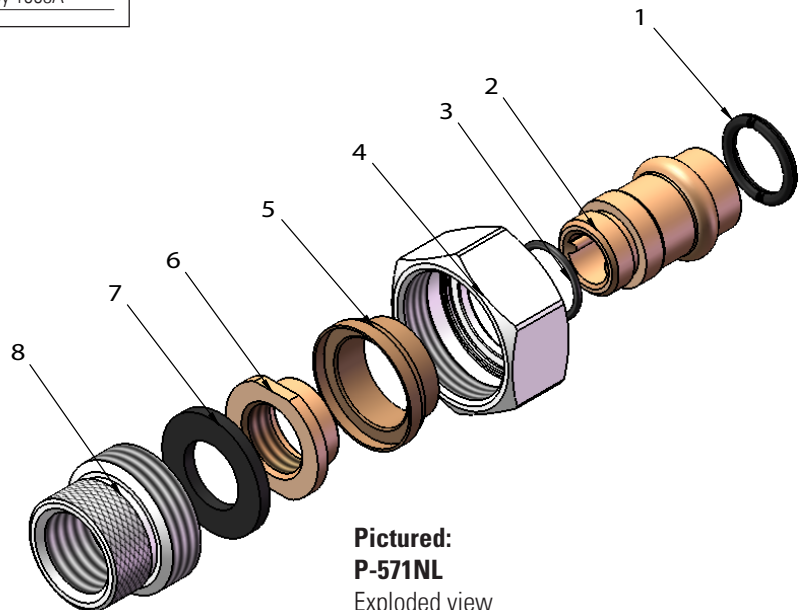
ANSI/ASME B1.20.1: Pipe threads, general purpose, Inch  
ANSI/ASME B16.51: Copper and copper alloy press-connect pressure fittings



**Pictured:**  
P-571NL (3/4"  
MNPT and FNPT)



**Pictured:**  
P-571NL  
Cut-away



**Pictured:**  
P-571NL  
Exploded view