

## SUBMITTAL SHEET

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

# NO LEAD PACK JOINT COUPLING

## T-4301NL

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. They are designed to be installed onto the following tubing types: Type K or L copper water tubing compliant with ASTM B88; Polyethylene plastic tubing compliant with ASTM D2737 SDR 9 (insert stiffener required).

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" to 2" copper-tubing-size.

### Specifications:

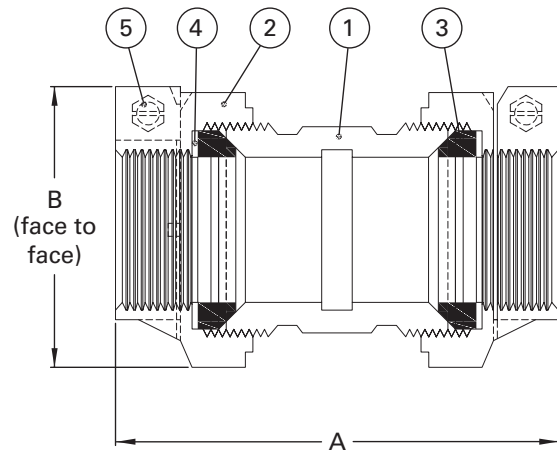
Manufactured in compliance with the latest version of AWWA C800, for high pressure.



**Pictured:**  
T-4301NL

MATERIAL SPECIFICATION	
PART	MATERIAL
1 Body	Lead-free cast bronze
2 Pack-joint nut	Cast bronze
3 Pack-joint gasket	Buna-N (NBR) nitrilic rubber
4 Pack-joint anti-friction ring	P A66
5 Pack-joint clamp bolt	Stainless steel

DIMENSIONS			
Size	A	B	Item No.
3/4"	4.13	1.56	313-214NL
1"	4.37	1.83	313-215NL
1-1/4"	4.82	2.42	313-216NL
1-1/2"	6.57	2.41	313-217NL
2"	7.16	2.97	313-218NL



**Pictured:**  
T-4301NL  
Cut-away

### Certifications/Listings:

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

### Standards:

AWWA C800: Underground service line valves and fittings.