

SUBMITTAL SHEET

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

LEAD FREE PACK JOINT UNION

Model T-4301 NO-LEAD

Lead-free design is suitable for all State and pending U.S. Federal Public Law (111-380) potable water service installations.

CTS pack-joint end connections provide the maximum pullout resistance against internal pressure variations and backfilling stress.

Designed and manufactured for the repair of, or new underground water service applications only.

Insert stiffeners (Model T-4500, sold separately) are required at each pack-joint connection, when installing Polyethylene (PE) plastic tubing

Available in nominal sizes 1/2" to 2" copper-tubing-size

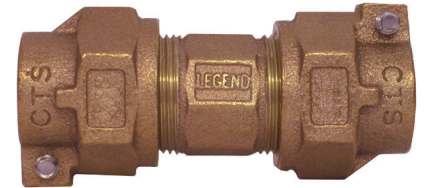
Working Pressure, Non Shock (PSI)

Potable water at or below 100° F: 1/2" to 1": 100 p.s.i.

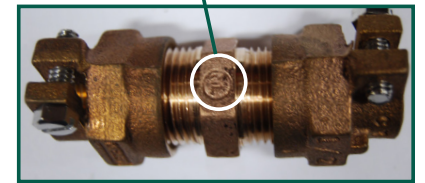
1-1/4" to 2" : 80 p.s.i.

Saturated Steam: Not suitable for steam service

- Manufactured in full compliance to AWWA C800 Specifications (current revision).
- Complies with current State and pending National lead-free plumbing laws.
- Pack-joint end connections are designed to be installed onto the following tubing types:
 1. Types K or L copper water tubing compliant with ASTM B88
 2. Polyethylene plastic tubing compliant with ASTM D2737 SDR 9 (Model T-4500 insert stiffener required)



**Pictured:
NL Marking**



MATERIAL SPECIFICATION

PART	MATERIAL	SPECIFICATION
1 Body	Lead-free cast bronze	ASTM B584 UNS C89836
2 Pack-joint nut	Cast bronze	ASTM B584 UNS C83600
3 Pack-joint gasket	Buna-N (NBR) nitrilic rubber	Commercial grade
4 Pack-joint anti-friction ring	Nylon* resin	Commercial grade
5 Pack-joint clamp bolt	Stainless steel	AISI grade 304

*Nylon is a registered trademark of the DuPont company

DIMENSIONS

Size	A	B	C
1/2"	0.48	3.51	1.56
3/4"	0.44	4.13	1.86
1" x 3/4"	0.49 / 0.44	4.20	2.20 / 1.86
1"	0.49	4.19	2.20
1-1/4" x 1"	0.57 / 0.49	4.53	2.86 / 2.20
1-1/4"	0.57	4.87	2.86
1-1/2"	0.61	6.57	2.84
2"	0.71	7.21	3.63

