

**SUBMITTAL SHEET**

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



**NO LEAD DZR FORGED BRASS PEX BALL VALVE**

**T-1960NL**

Dezincification-resistant (DZR) forged brass resists corrosion from exposure to a wide variety of water conditions.

Bottom-loaded, blowout-proof stem features a dual-seal PTFE packing and EPDM rubber O-ring design, assuring positive sealing under a multitude of conditions..

Self-cleaning stainless-steel ball resists mineral build-up and scaling.

Barbed end connections are designed for use with Pex (ASTM F876 & 877) and PE-RT (ASTM F 2769).

Designed for use with cold expansion rings that are manufactured in compliance with ASTM F 1960.

Available in 1/2" through 3" sizes.

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

Cold Working Pressure (CWP): 400 psi\*

**\*Caution!** Exceeds the pressure rating of PEX tubing.

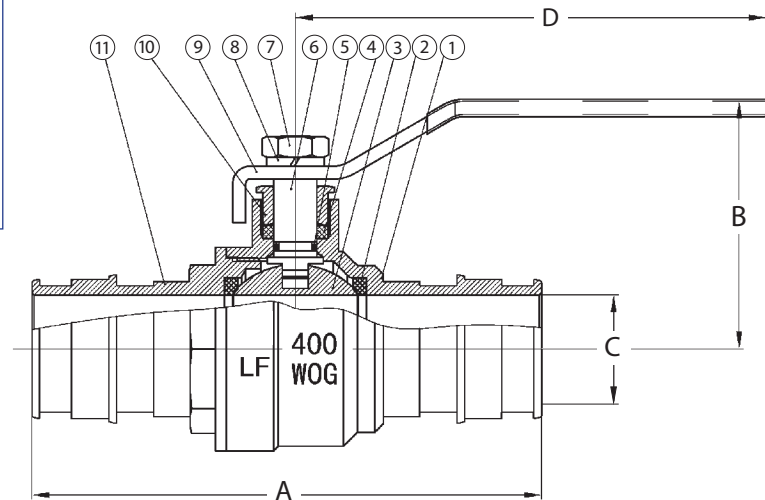
Saturated Steam (WSP): Not suitable for steam applications



**Pictured:  
T-1960NL**

MATERIAL SPECIFICATION		
PART	MATERIAL	SPECIFICATION
1 Body	DZR lead-free forged brass	UNS Alloy C46500
2 Seats (2)	PTFE	Commercial grade
3 Ball	Stainless steel	AISI 304 SS
4 O-ring	NBR rubber	Commercial grade
5 Packing	PTFE	Commercial grade
6 Stem	Forged brass or stainless steel	1/2" to 2-1/2": UNS Alloy C36000 3": AISI 304 SS
7 Handle nut	Zinc plated steel	Commercial grade
8 Lock washer	Zinc plated steel	Commercial grade
9 Handle	Zinc plated steel	Commercial grade
10 Packing nut	Forged brass	UNS Alloy C36000
11 End Adapter	DZR lead-free forged brass	UNS Alloy C46500

DIMENSIONS				
Size	A (PEX x PEX)	B	C	D
1/2"	2.58	1.69	0.39	3.46
3/4"	3.31	1.81	0.61	3.46
1"	3.98	2.09	0.81	4.29
1-1/4"	4.65	2.25	0.98	4.29
1-1/2"	5.52	2.45	1.10	5.63
2"	6.91	2.74	1.58	5.63
2-1/2"	8.80	3.04	2.01	5.63
3"	10.75	4.25	2.44	7.76



**Pictured:  
T-1960NL  
Cut-Away View**

**Certifications/ Listings:**

Third-party certified.

NSF/ANSI 14: Plastic piping system components and related materials.

NSF/ANSI 61: Drinking water system components - Health effects.

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

ASTM F1960: Cold expansion fittings with PEX reinforcing rings.