

**SUBMITTAL SHEET**

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



**NO LEAD FORGED PRESS IN-LINE CHECK VALVE**  
**P-450NL (1/2" - 2")**

Large, integral seat and disc sealing surfaces assure positive closure. EPDM seat for quiet operation; spring-loaded stem-disc.

1-pound cracking pressure.

Can be installed in both vertical and horizontal positions.

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.

VUS-pattern press-connection tubing sockets.

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

Cold working pressure (CWP): 200 psi up to 180° F  
Not suitable for steam service.



**Pictured:  
P-450NL (1")**

**MATERIAL SPECIFICATION**

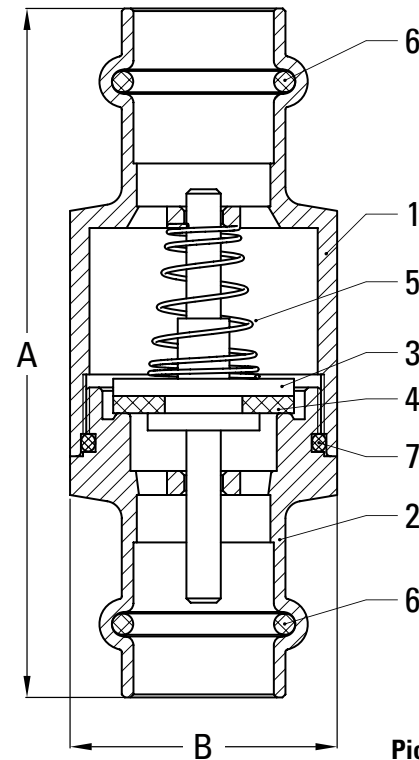
PART	MATERIAL	SPECIFICATION
1 Body	Lead-free brass	UNS Alloy C46500
2 End adapter	Lead-free brass	UNS Alloy C46500
3 Piston	Lead-free brass	UNS Alloy C46500
4 Seat	EPDM	Commercial grade
5 Spring	Stainless steel	AISI Alloy 304
6 Press O-ring	EPDM	Commercial grade
7 Body O-ring	EPDM	Commercial grade

**DIMENSIONS**

Nominal Size	A	B
1/2"	3.15	1.22
3/4"	3.20	1.50
1"	3.39	1.77
1-1/4"	3.70	2.28
1-1/2"	4.69	2.62
2"	5.32	3.09

**T-450NL LEGENDPRESS® TUBING INSERTION DEPTHS**

Nominal tubing size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Insertion depth: In	3/4"	7/8"	7/8"	1-1/16"	1-7/16"	1-3/4"
mm.	19	22	22	27	36	44



**Pictured:  
P-450NL  
Cut-away**

**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 B16.51: Copper and copper alloy press-connect pressure fittings.