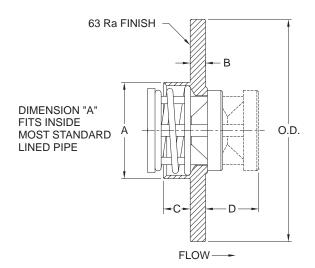






The **Lined Pipe Insert (LP)** valve is designed to mate between two flanges on most lined pipe systems. It provides the simplest and most economical way to install a check valve in a lined piping system. No gaskets are required; just spread the flanges, center the valve, and bolt the flanges together. Lined Pipe Insert valves are available in fluoropolymer (PTFE/FEP/PFA) and Alloy C-276 to satisfy the most demanding applications. The standard spring material is Alloy C-276. Other materials are available upon request.



Nom. Pipe Size	Size Code	A	В		C	D ①	OD	Orifice ^② Diameter
Size				PTFE	HC			
1	Н	0.590	1/4	0.26	0.26	0.53	2	0.348
1-1/2	J	1.120	1/4	0.46	0.42	0.78	2-7/8	0.593
2	K	1.570	1/4	0.79	0.44	1.01	3-5/8	1.135
3	M	2.520	5/16	0.77	0.66	1.43	5	1.555 ^③

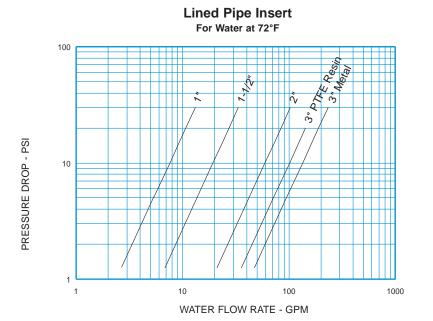
- ⁽¹⁾Maximum nominal dimension for a fully open valve with no spring.
- Orifice Diameter for PTFE valve may vary due to molding process.
- ³3" PTFE valves use 1.385 Orifice Diameter.

Body Material 4	Nominal Pipe Size	Non-Shock Pressure-Temperature Rating	
Alloy C-276 (HC)	1 - 3	ANSI Class 150 & 300	
PTFE (TF)	1 - 2	55 PSIG @ 100°F ^⑤	
F 11 L (11)	3	20 PSIG @ 100°F ^⑤	

[®]See page 55 for material grade information. Contact the factory for availability of other materials.

MADE IN USA CHECK-ALL VALVE MFG. CO. Phone: 515-224-2301 Fax: 515-224-2326 2013

[©] Consult the factory for reduced P-T rating above 100°F.

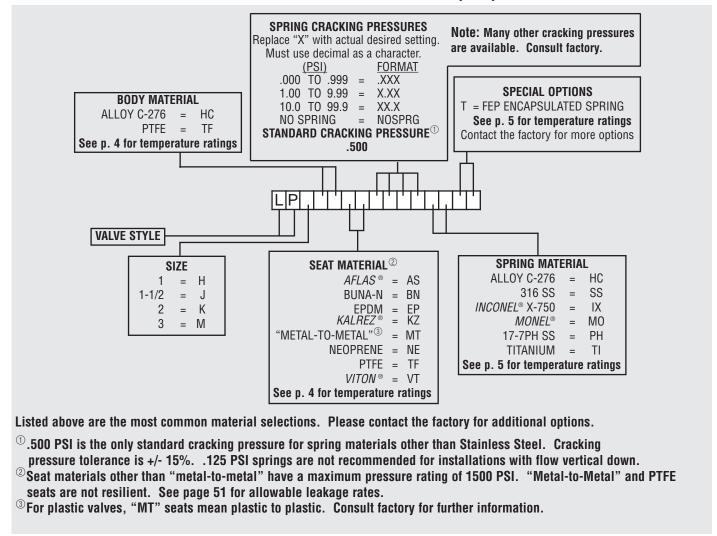


Note: All flow curves and Cv values presume the valves are fully open with 1/2 PSI cracking pressure springs. Consult the factory for more information.

STYLE LP (LPI) C _V VALUES & VALVE WEIGHTS							
METAL C _V	PTFE C _V	SIZE	METAL	PTFE			
2.4	2.4	1	4.0 oz.	1.0 oz.			
6.1	6.1	1-1/2	8.8 oz.	2.2 oz.			
18.8	18.8	2	14.4 oz.	3.2 oz.			
45.8	32.0	3	2.3 lb.	9.0 oz.			

See page 50 for Flow Formulae. Valve weights are approximate.

HOW TO ORDER CHECK-ALL STYLE LP (LPI)



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