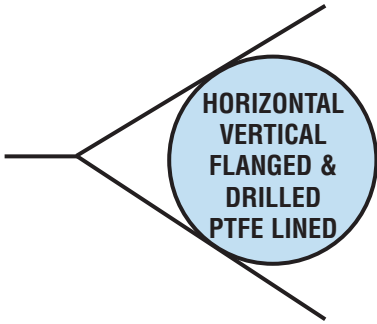


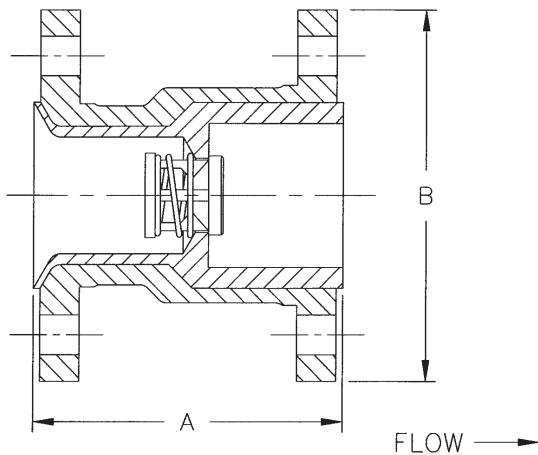


PED 97/23/EC
COMPLIANT
See Page 52 for Details



The **Check-All Flanged & Drilled — Fluoropolymer (PTFE) Lined** check valve is a one piece body with ANSI/ASME B16.5 Class 150 flanged ends. The valve has a solid one piece PTFE liner which covers the flange faces out to the raised face diameter. All wetted surfaces are fluoropolymer (PTFE/FEP/PFA) including the FEP encapsulated stainless steel spring.

Style HVFD-T bodies are made of **cast carbon steel only**. The liner is made of virgin PTFE. It is installed as one solid piece of PTFE and the internal geometrical shape is machined. The PTFE liner has a **minimum wall** thickness of 3/32 inch, which guarantees against pin holes which can be present in fused liners.



Nom. Pipe Size	Size Code	A	B	Orifice ^① Diameter
1	H	3.75	4-1/4	0.890
1-1/2	J	4.38	5	1.385
2	K	5.13	6	2.025

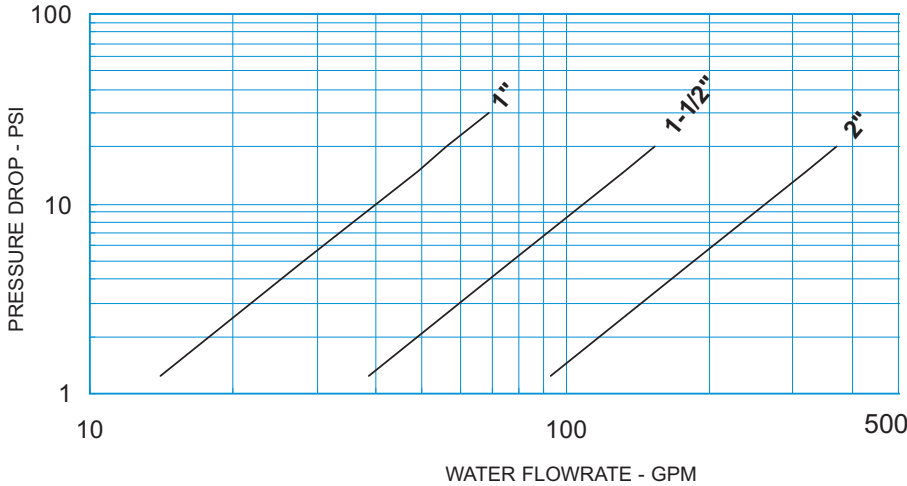
^①Due to molding process, orifice may vary.

Body Material ^②	Liner Material ^②	Nominal Pipe Size	Non-Shock Pressure-Temperature Rating ^③
Carbon Steel (CS)	PTFE (TF)	1	55 PSIG @ 100°F
		1-1/2 - 2	20 PSIG @ 100°F

^②See page 51 for material grade information.

^③Consult the factory for reduced P-T rating of PTFE valves above 100°F.

Horizontal-Vertical Flanged & Drilled PTFE Lined
For Water at 72°F

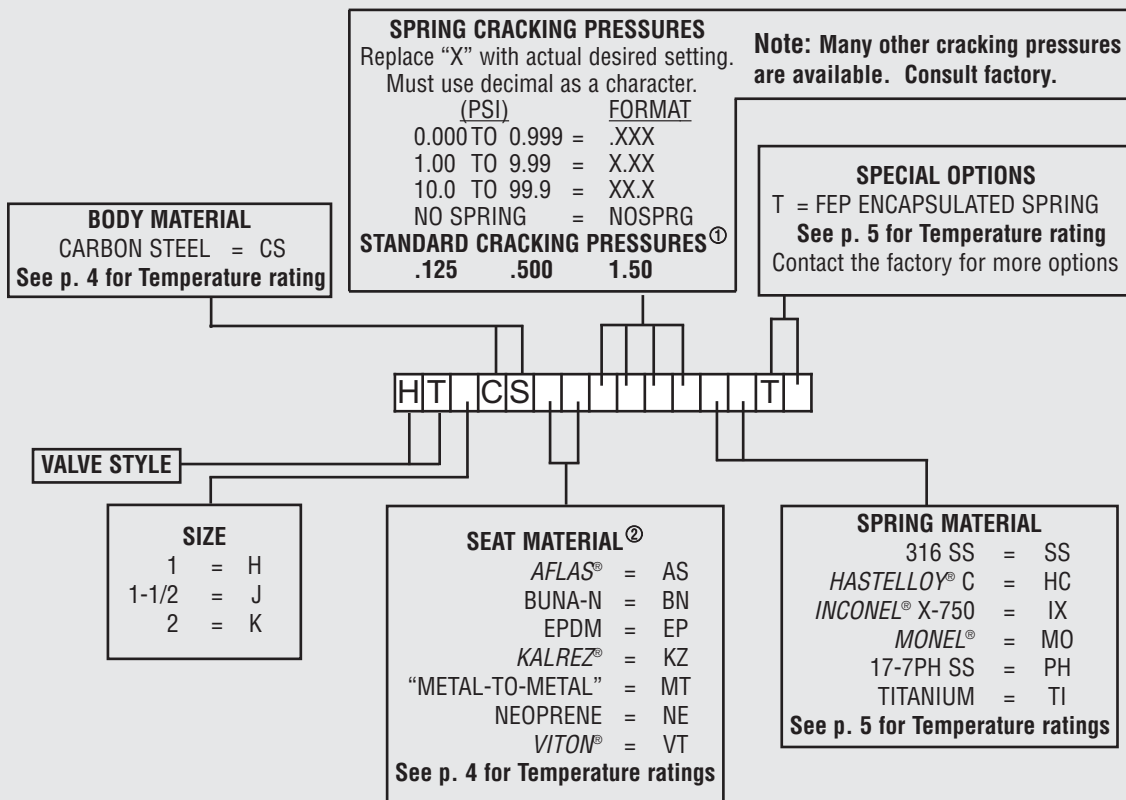


Note: All flow curves and Cv values presume the valves are fully open with 1/2 PSI cracking pressure springs. Consult the factory for more information.

STYLE HVFD-T (HT) C _v VALUES & VALVE WEIGHTS		
C _v	SIZE	PTFE LINED
12.6	1	4.0 lb.
34.5	1-1/2	7.0 lb.
83.0	2	11.0 lb.

See page 46 for Flow Formulae

**HOW TO ORDER
CHECK-ALL STYLE HVFD-T (HT)**



Listed above are the most common material selections. Please contact the factory for additional options.

- ① .500 PSI is the only standard cracking pressure for spring materials other than Stainless Steel. Cracking pressure tolerance is +/- 15%. .125 PSI springs are not recommended for installations with flow vertical down.
- ② Seat materials other than metal-to-metal have a maximum pressure rating of 1500 PSI. PTFE seats are not resilient. See page 47 for allowable leakage rates.