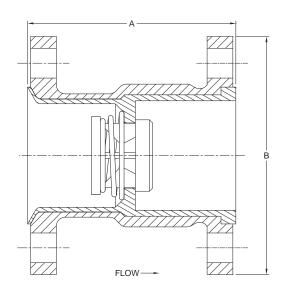




The **Check-All Flanged & Drilled** — **Fluoropolymer (PTFE) Lined (HT)** check valve is a one piece body with ANSI/ASME B16.5 Class 150 flanged ends. The valve has a solid one piece PTFE liner which covers the flange faces out to the raised face diameter. All wetted surfaces are fluoropolymer (PTFE/FEP/PFA) 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	В	Orifice ^① Diameter
1	Н	3.75	4-1/4	0.890
1-1/2	J	4.38	5	1.385
2	K	5.13	6	2.025
n.	1.11	.,.		•

⁽¹⁾Due to molding process, orifice may vary.

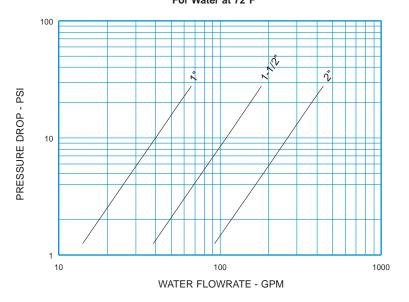
Body Material ^②	Liner Material ^②	Nominal Pipe Size	Non-Shock Pressure-Temperature Rating [®]
Carbon Steel (CS)	PTFE (TF)	1	55 PSIG @ 100°F
		1-1/2 - 2	20 PSIG @ 100°F

^②See page 52 for material grade information.

CHECK-ALL VALVE MFG. CO. Phone: 515-224-2301 Fax: 515-224-2326 2009

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

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

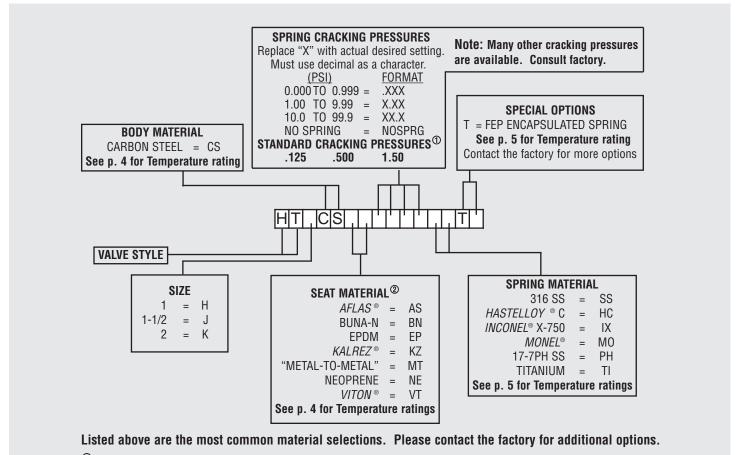


Note: All flow curves and Cv values presume the valves are fully open with 1/2 PSI cracking pressure springs. Consult the factory for more information.

STYLE HT (HVFD-T) C _V VALUES & VALVE WEIGHTS					
C _V	SIZE	PTFE LINED			
12.6	1	3.6 lb.			
34.5	1-1/2	5.6 lb.			
83.0	2	9.2 lb.			

See page 48 for Flow Formulae Valve weights are approximate.

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



⁽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.

© Seat materials other than metal-to-metal have a maximum pressure rating of 1500 PSI. PTFE seats are not resilient. See page 49 for allowable leakage rates.