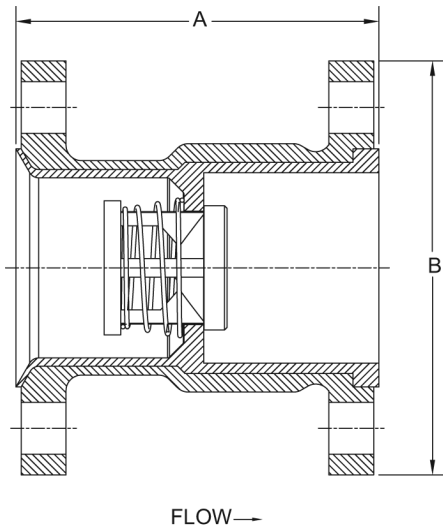


The **Check-All® Flanged & Drilled — Fluoropolymer (PTFE) Lined (HT)** check valve is a one piece body with ANSI/ASME B16.5 Class 150 flanged ends. The valve has a solid one piece PTFE liner which covers the flange faces out to the raised face diameter. All wetted surfaces are fluoropolymer (PTFE/FEP/PFA)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

Style HT 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. The HT valve can also be used as a low pressure relief valve or vacuum breaker by using the desired spring settings.



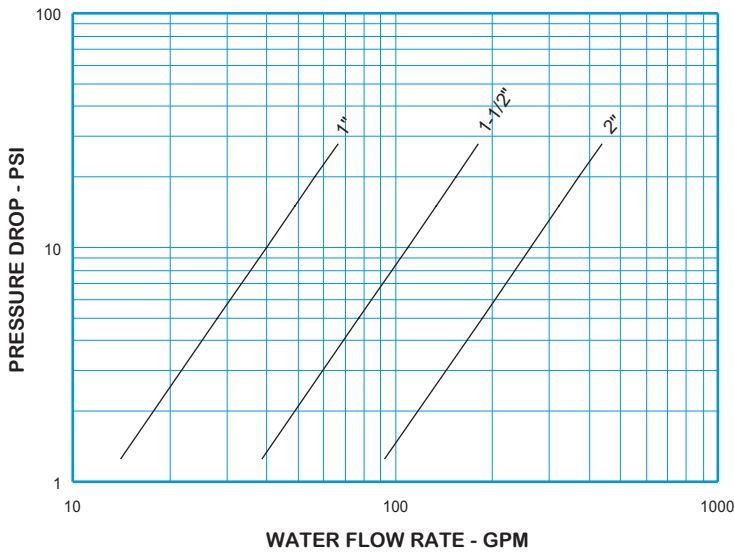
Nom. Pipe Size	Size Code	A	B	Orifice ¹ Diameter
1	H	3.75	4-1/4	0.890
1-1/2	J	4.38	5	1.385
2	K	5.13	6	2.025

¹ Due to molding process, Orifice Diameter may vary.

Cast Body Material ²	Liner Material ²	Nominal Pipe Size	Non-Shock Pressure-Temp. Rating @ 100°F Consult factory for P-T rating above 100°F
WCB/WCC Carbon Steel (CS)	PTFE (TF)	1"	55 PSIG
		1-1/2" - 2"	20 PSIG

² See page 58 for material grade information.

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

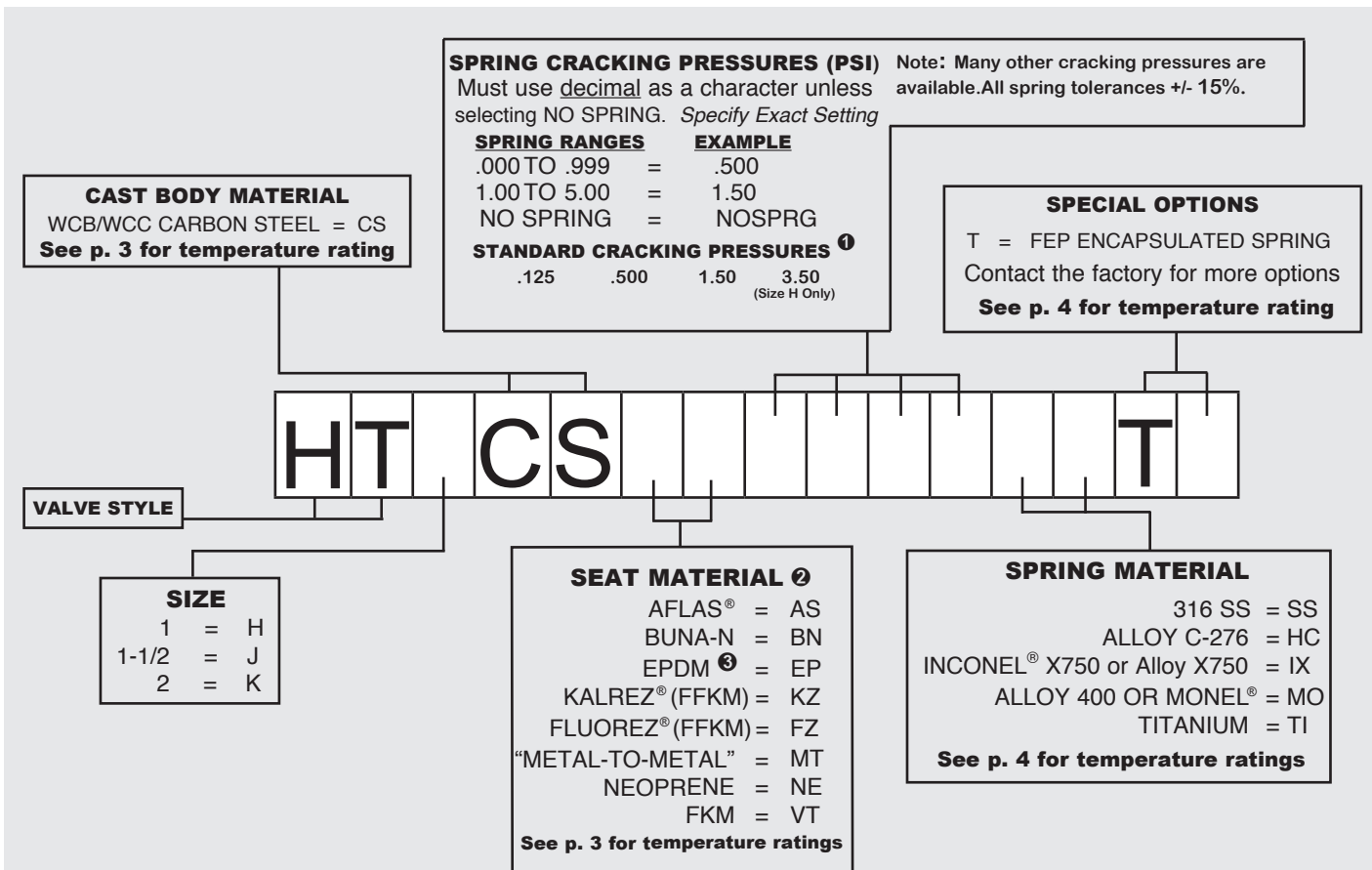


Note: All flow curves and Cv values presume the valves are fully open with 1/2 PSI cracking pressure springs. Consult the factory for more information.

STYLE HT C _v VALUES & VALVE WEIGHTS		
C _v	SIZE	PTFE LINED
12.6	1	3.7 lb.
34.5	1-1/2	5.8 lb.
83.0	2	9.4 lb.

See page 53 for Flow Formulae.
Valve weights are approximate.

**HOW TO ORDER
CHECK-ALL STYLE 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. 0.125 PSI springs are not recommended for installations with flow vertical down.
- ② For PTFE lined valves, "MT" seats mean plastic to plastic (No o-ring). See page 54 for allowable leakage rates.