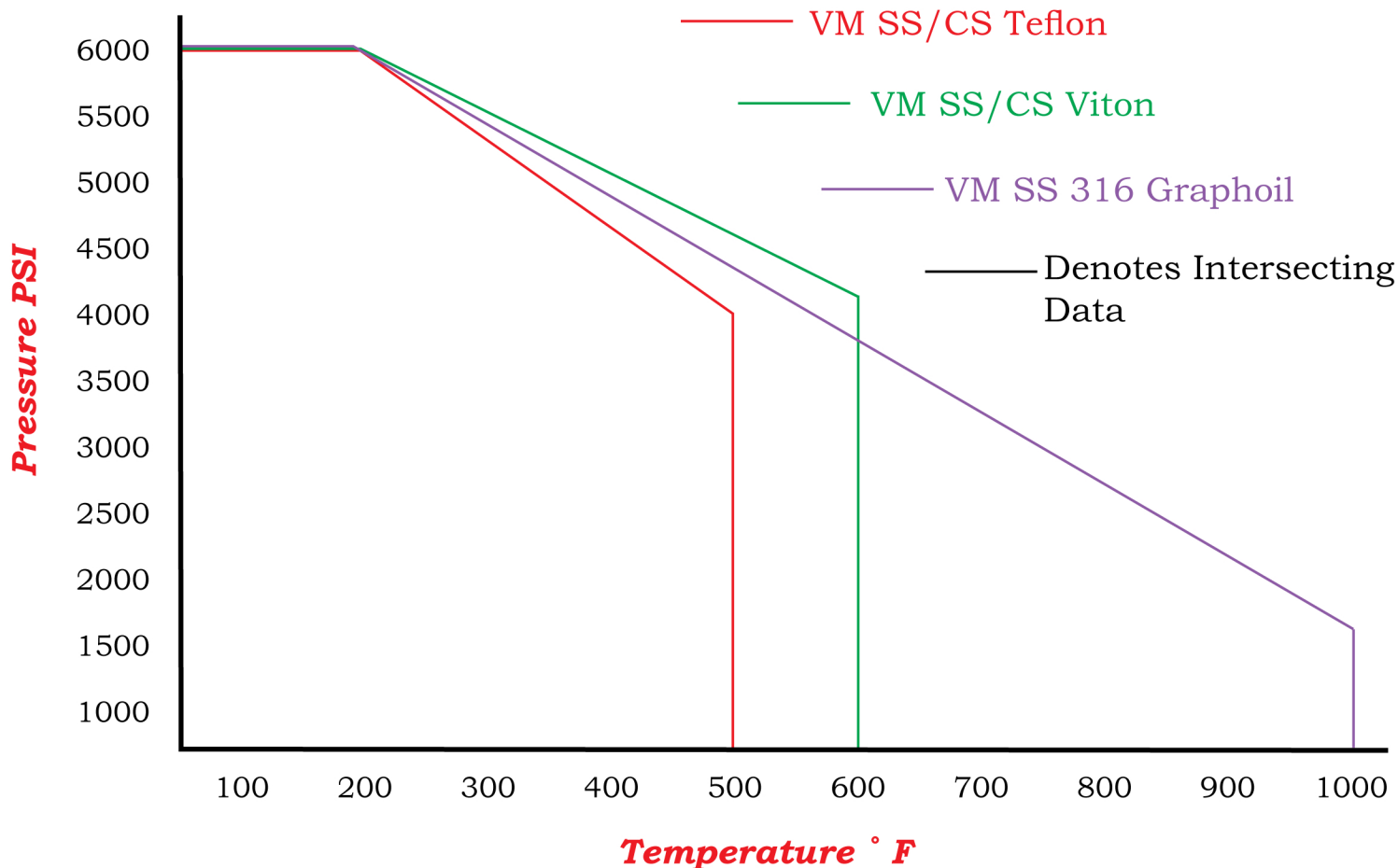


Valve Manifold

Pressure vs. Temperature



Pressure Rating:

Temp.	C.S.	S.S	Orifice	Cv
Room	6000 PSI	6000 PSI		
500° F	4000 PSI	4000 PSI	4.8mm	0.52 Max
1000° F	1500 PSI	1500 PSI		

Manifold Selection:

Pressure and temperature rating are selected from ANSI B16.34 for standard class valves based on ANSI B16-Class 2500. Optional sour gas service conforms to NACE MR-01-75.

Testing:

Each valve is hydrostatically tested in accordance with MSS-SP-99. This procedure includes testing of the body cavity. Hydrostatic test is performed with pure water or other liquids of similar or lower viscosity at 1.5 times and seat leakage test at 1.1 times the maximum working pressure. Each valve is also tested with Nitrogen Gas at 1000 psi for seat, seal and shell leakage. Other tests like vibration, temperature, helium are available upon request.