

			
Valve Type	Sanitary	2PC Stainless	3PC Stainless
Valve Design	3-Piece (2 way), Bolted Flanges (3 way)	2 Piece	3 Piece
Size Range, 2 Way	1/2-4"	1/4-2"	1/4-3"
Size Range, 3 Way	1/2-3"	1/2-2"	N/A
End Connection	Tri-Clamp	NPT Threaded	NPT Threaded
Pressure (@72°F)	1000 PSI	1000 PSI	100PSI (1/4-2"), 800PSI (2 1/2-3")
Temperature Range	-50- 400°F	-4- 356°F	-4- 356°F
Surface Finish (Ra)	8-12 (polished)	~32 (as machined)	~32 (as machined)
Anti-static	No	Yes	Yes
Valve Material	316 Stainless	316 Stainless	316 Stainless
Ball Seat Material	2-way: PTFE (Teflon Ball Seats & Cavity Filler), 3-way: TFM-1600 (Ball Seat) & Virgin PTFE (Cavity Filler)	RTFE (Reinforced Teflon)	RTFE (Reinforced Teflon)
Cavity Filler Material	Virgin PTFE	None	None
Stem Seal Material	Triple PTFE w/ Viton, live loaded	Triple RTFE w/ Viton, live loaded	Triple RTFE w/ Viton, live loaded
Torque	Higher	Lower	Lower
Cost	Higher	Lower	Higher