



Valve Quick Reference

Swagelok Michigan | Toledo

Valve Type	Series	Size (in.)	Max Working Pressure at 100 °F (psig)	Temp (°F)		Material			
						SS	Brass	Special Alloys	Other
Ball Valves	40	1/16" to 3/4"	3000	-65	150	X	X	X	
	40G	1/16" to 3/4"	3000	-65	300	X			
	60	1/8" to 2"	3000	-20	850	X	X	X	Carbon Steel
	83	1/8" to 1/2"	6000	0	450	X		X	
	AFS	3/8" to 1"	6000	-40	250	X			
	SK	1/4" and 3/8"	6000	-40	302	X			
	H83	1/8" to 1/2"	10000	0	450	X			
	FKB	1/4" to 1/2"	15000	0	250	X			
Plug	PFA/43	1/4"	60	0	200				Virgin PFA
	P4T/P6T	1/8" to 1/2"	3000	-10	400	X	X		
Needle Valves	4RP	1/4" to 1/2"	180	0	300				Virgin PFA
	OG, 1G, 92	1/8" to 1/2"	300	-20	200	X	X		
	JN	1/8" to 3/8"	600	-40	300		X		
	D	1/8" to 3/8"	3000	-20	450	X	X	X	
	JB	1/8" to 3/8"	3000	-40	600	X			
	Compact Gauge	1/2"	4000	-65	600	X			
	O/1/18	1/8" to 3/4"	5000	-65	600	X	X	X	Steel
	20/26	1/8" to 3/4"	6000	-65	600	X			
	N	1/8" to 1"	6000	-65	1200	X		X	Titanium
	6DB	1/4" to 1/2"	6000	-65	1200	X			
	GU	1/4" to 1"	6000	-20	650	X			Carbon Steel
	Gauge	1/2", 3/4"	6000	-65	1200	X			
	4P/5P	1/4" to 3/4"	6000	-20	400	X		X	
	F10	1/2"	10000	0	850	X			
	HN	1/8" to 1"	10000	-65	1200	X			
IPT	1/4" to 9/16"	60000	-40	650	X				
Meter	S/M/L	1/16" to 1/4"	2000	-10	400	X	X		
	31	1/8", 1/4"	5000	-65	850	X			
Check	CHP	1/4" to 3/4"	80	50	185				PTFE/PFA
	C	1/8" to 1"	3000	-10	375	X	X		
	CA	1/4"	3000	-10	375	X	X		
	CP	1/2", 1/4"	3000	-10	375	X	X		
	CPA	1/2", 1/4"	3000	-10	375	X	X		
	CW	1/4" to 1/2"	3000	-10	400	X			316L
	CH	1/8" to 1"	6000	-10	400	X			
	50	1/8" to 3/4"	6000	-65	900	X			

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Relief	RL3	1/4"	300	-40	300	X			
	RL4	1/2"	300	-40	300	X			
	PRV	1/4" to 1"	5800	-4	176	X			
	R3A	1/4"	6000	-10	300	X			
	R4	1/2"	6000	25	300	X			
Bleed/ Purge	Purge	1/8" to 1/2"	4000		600	X	X		Carbon Steel
	Bleed	1/8" to 3/4"	10000	-65	850	X	X	X	Carbon Steel
Bellows Valves	BY	1/4"	Vacuum to 150	0	200	X			
	BN	1/4" to 1/2"	Vacuum to 500	-40	200	X			
	BM	1/4", 3/8"	700	-20	900	X			
	H	1/8" to 1/4"	1000	-80	600	X			
	HK	1/4"	1000	-20	200		X		
	B	1/4" to 3/4"	1000	-20	900	X	X	X	
	U	1/4" to 1"	2500	-20	1200	X			
HB	1/4" to 1/2"	3500	-40	400	X			316 L, 316 L VAR	
Diaphragm Valves	DRP	1/4" to 1 1/4"	100	73	212				Modified PTFE
	ALD	1/4" to 1/2"	Vacuum to 145	32	392	X			316L VIM-VAR SS
	DF / DFX	1/4", 3/8", 1/2"	Vacuum to 300	-10	150	X			316L VAR SS
	LD	1/4" to 1"	300	-20	300	X			SS 316L, SS CF3M
	DP / DPX	1/4"	Vacuum to 3045	-10	150	X			316L VIM-VAR SS
	DL	1/4" to 1/2"	3500	-100	250	X			SS 316L
	DS	1/4" to 1/2"	3500	-100	250	X			SS 316L

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Safe Product Selection

When selecting a product, the total system design must be considered to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user.

Warranty Information

Swagelok products are backed by The Swagelok Limited Lifetime Warranty. For a copy, visit swagelok.com or contact your authorised Swagelok representative.

Caution: Do not mix or interchange parts with those of other manufacturers.

For Reference Only