

Needle Valve Torque Values

Valve Series	Tubing Size (in.)	Packing Gland Hex (in.) Size	Packing Gland Torque (ft.-lbs.)	Running Torque (in.-lbs.)	Seating Torque (in.-lbs.)
Medium Pressure 22,500 psig @ RT 21V	1/4	5/8	30	40	55
	3/8	5/8	30	40	55
	9/16	13/16	60	60	90
	3/4	15/16	¾ turn	300	360
	1	1 3/8	¾ turn	360	600
High Pressure 36,000 psig @ RT 36V	1/4	13/16	45	50	60
	3/8				
	9/16				
High Pressure 65,000 psig @ RT 65V	1/4	13/16	40	65	75
	3/8				
	9/16				
Ultra High Pressure 101,000 psig @ RT 101V	5/16	15/16	60	100	120

All dimensions are for references only and are subject to change.