

### Material Shut-Off Valves

Lincoln recommends the use of material shut-off valves between the supply pump and the material supply line pipe. This enables you to disconnect the pump for service without voiding the supply line of material. Shut-off valves also can be used at the material outlets of the drop lines to control the flow of material in transfer systems.



Model 884

### Needle Type Valves

Model	Inlet & Outlet	Max. Working Pressure - psi / bar
884	3/8" NPT Female	10000 / 690
885	1/2" NPT Female	10000 / 690



Model 69503

### Quarter Turn (Ball) Valves

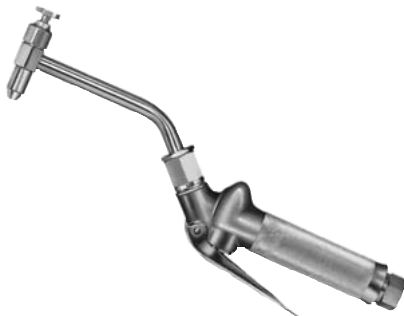
Model	Inlet & Outlet	Max. Working Pressure - psi / bar
69503	1/2" NPT Female	2500 / 172
69425	3/4" NPT Female	2500 / 172
69423	1" NPT Female	2500 / 17
69422	1 1/2" NPT Female	2000 / 138

### Low Pressure Control Valves

Ideal for controlling flow of materials in transfer systems.

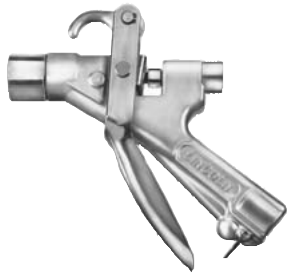


Model 775



Model 780

Model	Max. Inlet Pressure psi / bar	Inlet Size	Outlet Size	Extension	Features/Benefits
82906	1000 / 68	1/2" NPTF	1/2" NPTF	Optional	High flow rate means fast transfer of low to medium viscosity fluids
775				Rigid with cap	
776				Flexible with non-drip nozzle	
780				Rigid with swivel & non-drip nozzle	Swivel extension aids access to hard to reach areas



Model 85905



Model 83586

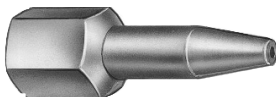
### High Pressure Control Valves

Ideal for controlling flow of materials in higher pressure transfer systems and extrusion systems.

Model	Max. Inlet Pressure psi / bar	Inlet Size	Outlet Size	Extension	Features/Benefits	Options/Kits Accessories
85905	5000 / 345	1/2" NPTF	1/2" NPTF	Optional	Trigger latch reduces operator fatigue during continuous use	91935 carbonyl seat for abrasive materials
83586	5000 / 345	1/4" NPTF	1/8" NPTF	2" rigid with 3/32" orifice	Slim, lightweight design w/ adjustable trigger spring for precise, easy operation. "The Palm Gun" has Tungsten Carbide needle and seat	
83587			Fixed		Same as 83586 except has hardened steel needle and seat located in tip for drip control	
81495	10,000 / 680	3/8" NPTF	1/8" NPTF	Optional	Heavy duty machined steel construction for high viscosity, high pressure, extreme service applications	66001 Ball 12071 seat for high volume flow. Max. pressure limited to 2000 psi/ 138 bar 69133, 92168 T.C. Ball & Seat for abrasive material applications



Model 68874



Model 102622



Model 5803

### Nozzles and Extensions

Nozzles			
Model	Orifice - in. / mm	Inlet Size	Length - in. / mm
68874	Brush	1/8" NPT Female	1 / 25.4
14237	3/32 / 2.4	1/8" NPT Male	1 1/8 / 48
102622	3/64 / 1.2	1/8" NPT Female	1 1/2 / 38
5803	1/32 / .8	1/8" NPT Female	2 3/4 / 70
11196	1/16 / 1.6	1/8" NPT Female	1 1/8 / 29

Extensions 1/8" NPT Male	
Model	Length - in. / mm
62028	6 / 150
62061	12 / 300
62117	18 / 450



Model 81728



Model 82072

### Swivels

Designed for use between the material hose and control valve to give the operator more flexibility and mobility and to reduce fatigue.

Model	Style	Threads	Max. Working Pressure psi / bar
81728	Straight	1/2" NPT Male x 3/8" NPT Male	6400 435
82072	Straight	1/2" NPT Male x 1/2" NPT Male	
82087	90°	1/2" NPT Male x 1/2" NPT Male	
81729	Universal	1/2" NPT Male x 3/8" NPT Male	
82073	Universal	1/2" NPT Male x 1/2" NPT Male	

**Important Note:** For lubricant use only. Not recommended for abrasive or corrosive materials.

### Material Pressure Gauges



Model 66689

Model	Pressure Range	Connection	Remarks
66689	0-2000 psi 0-140 kg/cm <sup>2</sup>	1/4" NPT Male Bottom	2 1/2"/65mm dial, black steel case & ring, bronze bushed movement & front recalibration with stabilizer in shank.
68946	0-2000 psi 0-140 kg/cm <sup>2</sup>	1/4" NPT Male Bottom	Same as 66689 except dual needles. Red needle indicates maximum pressure recorded. Black needle indicates actual pressure being developed.
69827	0-3000 psi 0-210 kg/cm <sup>2</sup>	1/4" NPT Male Back	2 1/2"/65mm dial, black steel case, glass filled. Nylon movement.
69844	0-3000 psi 0-210 kg/cm <sup>2</sup>	1/4" NPT Male Bottom	Same as 69827 except bronze bushed movement.



Model 66111

Model	Pressure Range	Connection	Remarks
66111	0-5000 psi 0-350 kg/cm <sup>2</sup>	1/4" NPT Male Bottom	3 1/2"/75mm dial, glass filled nylon movement.
69910	0-6000 psi 0-420 kg/cm <sup>2</sup>	1/4" NPT Male Back	2 1/2"/65mm dial, black steel case and plain movement.
69039	0-5000 psi 0-350 kg/cm <sup>2</sup>	1/4" NPT Male Bottom	2 1/2"/65mm dial, black steel case & plain movement with dual needles. Red needle indicates maximum pressure recorded, black needle indicates actual pressure being developed.

**Important Note:** For lubricant use only. Not recommended for abrasive or corrosive materials.