

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

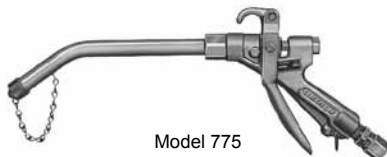
| Model | Inlet & Outlet | Max. Working Pressure - psi / bar |
|-------|-----------------|-----------------------------------|
| 884 | 3/8" NPT Female | 10000 / 690 |
| 885 | 1/2" NPT Female | 10000 / 690 |



Model 69503

Quarter-Turn (Ball) Valves

| Model | Inlet & Outlet | Max. Working Pressure - psi / bar |
|-------|-----------------|-----------------------------------|
| 69503 | 1/2" NPT Female | 3000 / 206 |
| 69425 | 3/4" NPT Female | 3000 / 206 |
| 69423 | 1" NPT Female | 3000 / 206 |



Model 775

Low-Pressure Control Valves

Ideal for controlling flow of materials in transfer systems.



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 Pipe | |
| 776 | | | | Flex Hose | |
| 780 | | | | Rigid Pipe | Swivel extension aids access to hard-to-reach areas |

High-Pressure Control Valves

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



Model 85905



Model 83586

| 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 carboloy seat for abrasive materials. |
| 83586 | | 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 intip 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 seat for high-volume flow. Max. pressure limited to 2000 psi/138 bar. Ball & Seat for abrasive material applications. |



Model 68874



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 7/8 / 48 |
| 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 | ½" NPT Male x ⅜" NPT Male | 6400 / 435 |
| 82072 | Straight | ½" NPT Male x ½" NPT Male | |
| 82087 | 90° | ½" NPT Male x ½" NPT Male | |
| 81729 | Universal | ½" NPT Male x ⅜" NPT Male | |
| 82073 | Universal | ½" NPT Male x ½" 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 ² | ¼" NPT Male Bottom | 2½"/65mm dial, black steel case & ring, bronze bushed movement & front recalibration with stabilizer in shank. |
| 68946 | 0-2000 psi 0-140 kg/cm ² | ¼" 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 ² | ¼" NPT Male Back | 2½"/65mm dial, black steel case, glass filled. Nylon movement. |
| 69844 | 0-3000 psi 0-210 kg/cm ² | ¼" 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 ² | ¼" NPT Male Bottom | 3½"/75mm dial, glass filled nylon movement. |
| 69910 | 0-6000 psi 0-420 kg/cm ² | ¼" NPT Male Back | 2½"/65mm dial, black steel case and plain movement. |
| 69039 | 0-5000 psi 0-350 kg/cm ² | ¼" NPT Male Bottom | 2½"/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.