



**Everlasting**

VALVE COMPANY, INC.

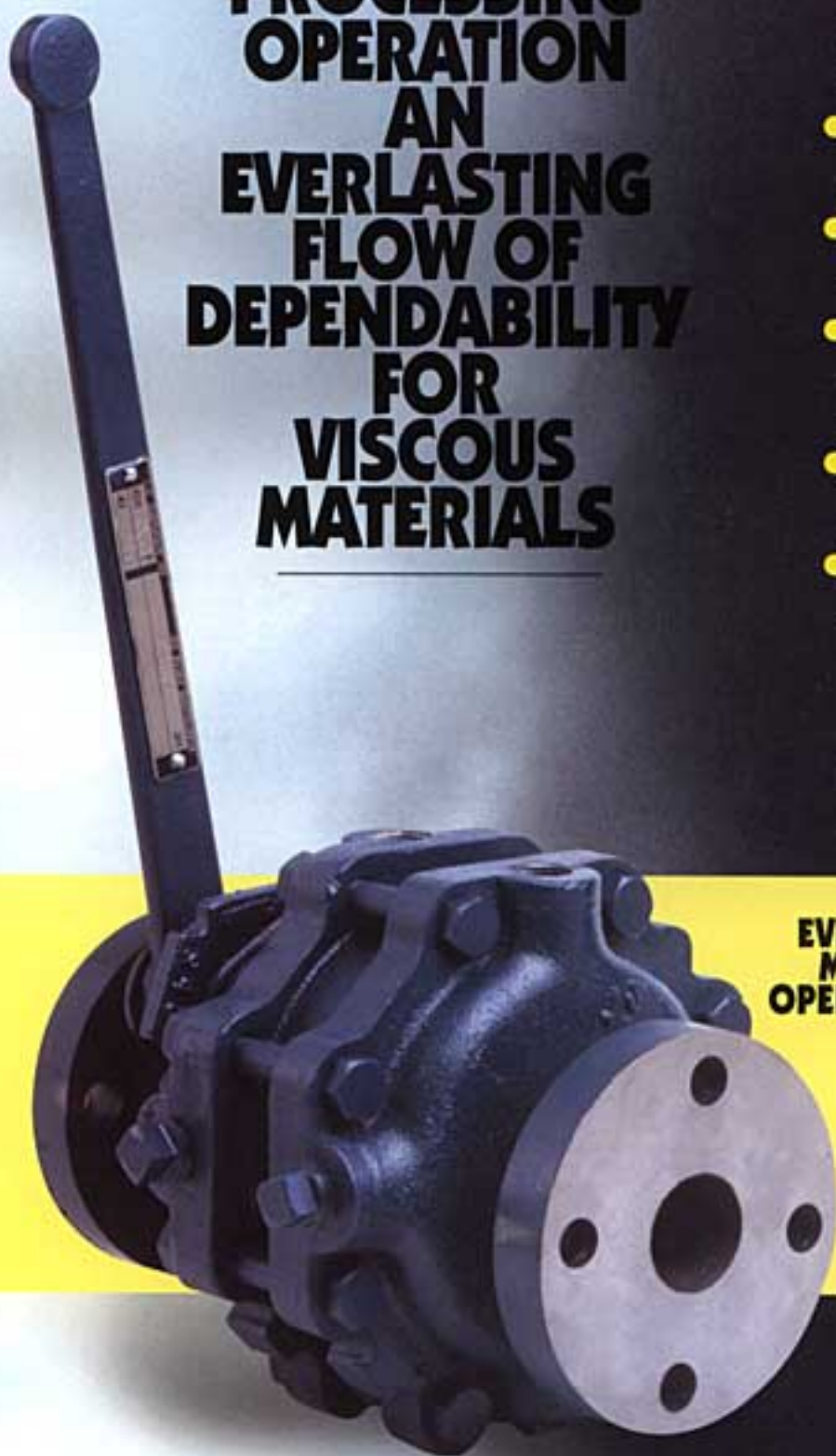
# STEAM JACKETED VALVES

**GIVE  
YOUR  
PROCESSING  
OPERATION  
AN  
EVERLASTING  
FLOW OF  
DEPENDABILITY  
FOR  
VISCOUS  
MATERIALS**

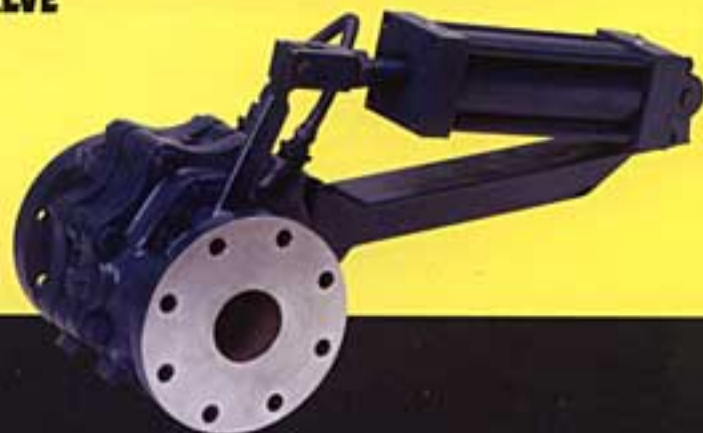
- **Exceptionally large jacket space**  
Surrounds the port openings as well as the body, so that steam or other heating medium can maintain correct temperature to assure fluidity of the material.
- **Tight, leak-proof seal**  
Maintained by the rotating self-lapping shearing action of the discs across the sealing faces at each opening or closing motion of the valve. This action actually improves the seal. No lubrication is required.
- **Minimum pressure drop**  
Provided by the straight-through full flow and unrestricted passage when the valve is open.
- **Quick acting**  
The valve is opened or closed with one pull of the lever or wrench.
- **No wedging or jamming**  
The parallel motion of the discs with respect to the seats protects the sealing faces from damage that might be due to any wedging action.
- **No retightening necessary**  
Changes in temperature have no effect on the operation of the valve and do not reduce its leak-tight qualities.
- **Installation adaptability**  
The double-disc design permits flow in either direction, and also permits right-hand or left-hand operation.

Comes in cast iron or cast steel.

Designed to fit standard pipe flanges or jacketed (oversize) pipe flanges.



**EVERLASTING  
MANUALLY  
OPERATED VALVE**



**EVERLASTING CYLINDER  
OPERATED VALVE**

**ISO 9001  
CERTIFIED COMPANY**

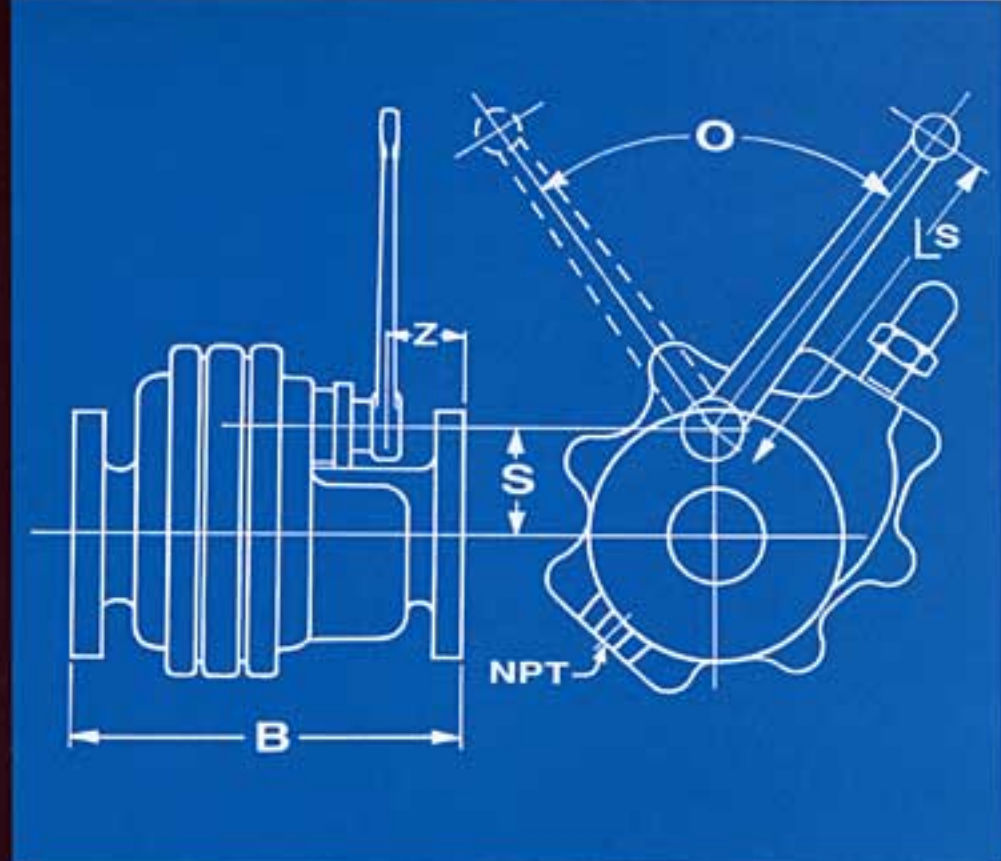
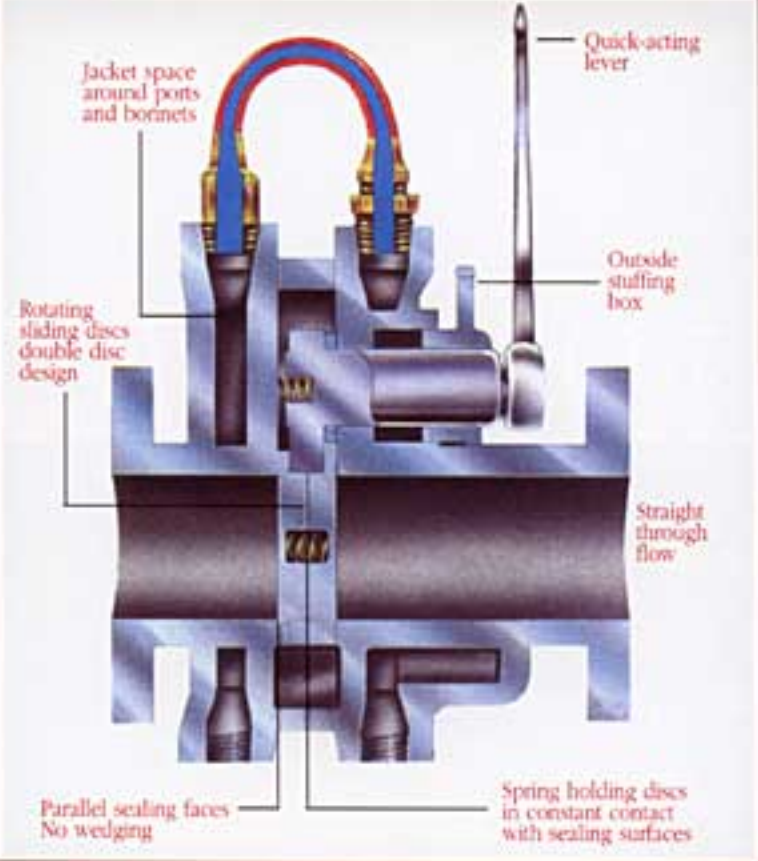


Figure Numbers	Valve Size Port Flange	DIMENSIONS					
		B	LS	O	Z	Diam. of Flange	NPT Steam Connection
<b>STANDARD FLANGES</b> *Class 125 1701-A, Iron *Class 150 1701-S, Steel	1½" x 1½"	9¾	12½	70'	2¼	5	½" pipe
	2" x 2"	9¾	12½	70'	2½	6	½" pipe
	2½" x 2½"	11¾	15½	70'	2½	7	¾" pipe
	3" x 3"	12¼	15½	70'	2½	7½	¾" pipe
	4" x 4"	12¼	20	72'	2½ <sup>11</sup> / <sub>16</sub>	9	¾" pipe
	6" x 6"	14¾	28†	150'	2½	11	1" pipe
<b>OVERSIZE FLANGES</b> *Class 125 1701-AZ, Iron *Class 150 1701-SZ, Steel	1½" x 2"	9¾	12½	70'	2¼	6	½" pipe
	1½" x 2½"	9¾	12½	70'	2 <sup>7</sup> / <sub>16</sub>	7	½" pipe
	2" x 3"	9¾	12½	70'	2½	7½	½" pipe
	3" x 4"	12¼	15½	70'	2 <sup>7</sup> / <sub>16</sub>	9	¾" pipe
	4" x 6"	12¼	20	72'	2½	11	¾" pipe
	6" x 8"	15	28†	150'	2½	13½	1" pipe

**Pressure:** 125, 150 lb. (Jackets rated at 300 p.s.i.)

**Sizes:** 1½" thru 6"

**Service:** Where heat control and shearing ability of jacketed valves must overcome problems in the process industries, the Everlasting Valve assures fluidity of viscous materials such as Molten Sulfur, Phthalic Anhydride, Maleic Anhydride, Asphalt, Pitch, Paraffin, Wax, Coal Tar Products, Soap and other materials which congeal or harden and will not flow at ordinary temperatures.

**Advantages:** The Everlasting® Steam Jacketed Valve has a unique shearing feature so critically needed in the services mentioned above, but so obviously absent in plug, gate and ball valves.

The valve was also designed to conserve initial cost and improve the heating of the materials.

Our Steam Jacketed Valve has been listed in Freeport Sulphur Handbook (refer to page 90) and the Texas Gulf Sulphur Co. pamphlet entitled "Handling and Storage of Molten Sulphur."

**\*Note:** In 1½" and 2" sizes, iron body valves are suitable for 250 lb. and cast steel body valves for 300 lb. line and jacket pressure. When so ordered, valves are supplied with 250 lb. or 300 lb. standard flanges and drilling. Iron body valves supplied with standard 125 lb. flanges, flat faced. Cast steel body valves supplied with standard 150 lb. flanges, 1/16" raised faces.

† Equipped with compound lever for easy operation. To order cylinder operated valves replace O in Fig. No. with 7.

**MATERIAL DATA**

Fig. Numbers	Wrench	Post and Lever Arm	Post Packing	Post Spring	Discs	Disc Spring	Body Gasket	Packing Gland	Steam Connector	Body Castings	Body Bolts
1701-A 1701-AZ	Forged steel	17-4 PH Stainless steel lever arm	Teflon impregnated fiber	17-7 PH	Cast iron	17-7 PH	304 SS. Corrugated or flat	Ductile iron	Teflon lined SS hose	Cast iron	Steel
1701-S 1701-SZ	Forged steel	17-4 PH Stainless steel lever arm	Teflon impregnated fiber	17-7 PH	Mechanite	17-7 PH	304 SS. Corrugated or flat	Ductile iron	Teflon lined SS hose	Cast steel	Alloy steel B-7