

Series 2000 Pinch Valve (Handwheel)
SUGGESTED SPECIFICATIONS

The Pinch Valves shall be of the fully enclosed body type. The body shall be cast ductile iron and shall conform to ANSI B16.10.5 face to face dimensions. The valve shall be flanged with threaded bolt holes. The Flange bolting pattern shall conform to customer specifications.

The Valve Body shall be split to allow access to the sleeve and pinching mechanism for maintenance and inspection purposes, the body halves shall be bolted together with a sealing compound to prevent leakage to atmosphere.

The Valve Body shall be provided with two female pipe fitting ports for use as a drain port or connection of a leak detection device.

The Pinch Valve Sleeve should be of the fully flanged, fabric reinforced type. Reinforcement should be of high tensile synthetic cord and should be externally protected by a minimum of 1/16" thick neoprene.

The Sleeve shall have a means of attachment to the pinching mechanism to ensure positive opening. The Sleeve Port shall be circular and may be full port, reduced port or funnel port for control purposes as determined by the flow requirements. Elastomer selection and design pressure will also be determined by the service conditions.

The Pinch Mechanism shall ensure closure on centerline, the pinch bars must be guided by stainless steel rods, the valve stem shall also be stainless steel.

The Handwheel shall be of sufficient diameter to minimize operator effort when closing the valve at maximum rated working pressure. The Handwheel and stem shall be of the non-rising type. A visual position indicator shall be provided.

If required valve can be supplied with AWWA nut for buried service operation in lieu of a handwheel (in which case visual position indicator will not be supplied).

Each Sleeve shall be branded with the model number, style, design pressure, temperature rating, type of elastomer and serial number on the cover.

The Pinch Valve manufacturer must maintain a Registered Quality Assurance Program which meets the requirements of ISO 9001.

The Pinch Valves shall be manufactured by Elasto-Valve Rubber Product Inc. located in Sudbury, Ontario, Canada.