

**Series 1000 Pinch Valve ( Handwheel )**  
**SUGGESTED SPECIFICATIONS**

The Pinch Valve shall be of the open body type. The body shall be carbon steel and shall conform to A.N.S.I. face to face dimensions. The valve shall be flanged with drilled through bolt holes. The valve body shall be a bolted assembly to allow access to the sleeve and pinch mechanism for maintenance and inspection purposes.

The Pinch Valve Sleeve should be of the fully flanged, fabric reinforced type. Reinforcement should be of high tensile synthetic cord and shall be externally protected by 1/8" 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 Handwheel Pinch Mechanism should be designed to ensure closure on centerline, the pinch bars must be guided by stainless steel tie rods, the Valve stem will be carbon steel or stainless steel and shall be single ACME thread with lubrication points at the Yoke and Upper Pinch Bar.

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.