



# DUAL PINCH VALVE SLEEVES (DPVS)

The core of the **DUAL** Pinch Valve is the rubber sleeve, which is the only part in contact with the medium. The full bore sleeve integrates the valve perfectly to the pipeline, eliminates turbulence and minimizes pressure losses. Technologically advanced sleeves guarantee high wear and corrosion resistance, a trouble free operation and extended lifetime. The sleeves are well suited for on/off throttling control applications involving slurries, powders, liquids, granulated materials and applications where scale build is a problem.



## FEATURES

- Excellent wear resistance
- High corrosion resistance
- No turbulence
- No flow resistance
- Reduces process downtime
- Long operating lifetime
- Full bore, low friction loss
- 100% drip tight closure even with solids in the medium
- Light weight
- Flexible
- Self-cleaning
- Multilayer construction
- Steel reinforcing for higher pressures
- 100% tight
- Only the sleeve is in contact with the medium
- Numerous elastomer compounds
- Special sleeve designs

## PRODUCT SPECIFICATION

**ELASTOMER SLEEVE MATERIALS:** Gum black and red rubber, EPDM, Butyl, Chlorobutyl, Neoprene, Polyurethane, Viton and Hypalon

**SIZE RANGE:** 50mm - 1500mm / 1/2" - 60"

**PRESSURE RATING:** From vacuum to 100Bar

**FLANGE TYPE:** Full face or D ring

**SLEEVE INTERNALS:** Resistant to wear and chemicals

**MATERIAL CERTIFICATION:** Certified chemical and physical test reports can be supplied.

**VALVE TYPE:** Rising and non rising spindle

**TEMPERATURES:** -50°C to +120°C

## SLEEVE DESIGN

Pinch Valves are commonly applied in aggressive, abrasive and corrosive medium types or in high pressure applications. To withstand these conditions Dual sleeves are handmade, layer by layer, in a quality process.



High grade sleeve materials range from wear resistant styrene butadiene to numerous other elastomers and rubber compounds. They are highly resistant to abrasive/ corrosive slurries, powders and granular substances.

### **APPLICATIONS**

- Mining and mineral processing.
- Power generation.
- Sand and gravel.
- Chemical and soda ash.
- Pulp and paper.

### **ACTUATORS**

All types of actuators can be fitted, electric, gearbox, hydraulic, pneumatic and handwheel.

### **SLEEVE MATERIAL**

Dual offers the following alternative sleeve materials, providing chemical and abrasive resistance to most media such as:

- P

## **ALTERNATIVE SLEEVE MATERIAL OPTIONS**