Sleeve Trim Selection

**Standard Sleeves** provided by Red Valve are very specialized components. Great care is taken to match the type of elastomer, pressure rating, and temperature limits to the customer’s needs. This insures a long and maintenance-free service life. The full port of the standard sleeve provides uninterrupted flow just like another piece of pipe, and the flow remains streamlined when throttled.

**Cone Sleeves** patented by Red Valve are designed for control applications. Cone sleeves provide tighter control with a 20:1 turndown ratio and 0.89 pressure recovery factor, along with an extra thickness of elastomer on the downstream side of the cone to increase its service life.

**Double Wall Sleeves** are designed for extremely abrasive slurries. The double wall sleeve has triple the thickness of elastomer than the Standard Sleeve. The next larger valve size must be used with the double wall to maintain a full port due to the additional thickness of the sleeve.

**High Pressure Sleeves** are designed for high pressure ANSI 300# applications up to 720 psi.

Only a Red Valve Pinch Sleeve offers a laminar, non-turbulent flow pattern, due to the internal configuration of the sleeve. The flow pattern is streamlined, even when throttled.

*Patented*