

# Type R

## All-Rubber Pinch Valve



- ▶ **Automatic valve uses plant air**
- ▶ **Lightweight, all-elastomer design**
- ▶ **High cycle life**
- ▶ **Full-port, large sealing area**
- ▶ **Cost-effective, maintenance-free design**



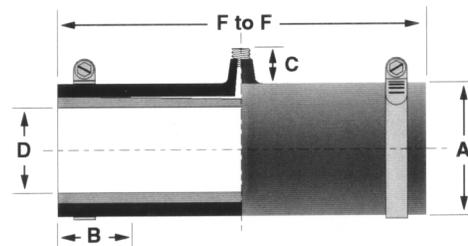
Red Valve's Type R All-Rubber Pinch Valve is an ideal valve for water, chemicals, solids and slurry applications. The valve is easily installed between two pieces of pipe with hose clamps. Simply add 20-psi air pressure over line pressure and the valve closes drop-tight. For example: If process line pressure is 45 psi, 65 psi closes the valve. It's that simple!

The Type R has all the advantages of a Pinch Valve: no packing gland or seat crevices and a full port that eliminates bridging or slurry dewatering. Each time the valve flexes, it self-cleans. The Type R Pinch Valve is ideal for use with pulse-type control systems. The lightweight design of the Type R Pinch Valve makes pipe supports unnecessary. The Type R is an excellent valve to have in stock for an instant valve repair or to isolate a pipeline.

The valve body is elastomer reinforced with fabric, bonded to the inner sleeve - the only wetted part. Air connection is a 5/16" valve stem. The unique one-piece design of the Type R Pinch Valve eliminates the need for actuators, making this the most affordable, maintenance-free automatic valve available to industry!

### Materials of Construction

- ▶ **BODY:** Elastomer reinforced with high strength fabric
- ▶ **ELASTOMERS:** Available in Pure Gum Rubber, Neoprene, Hypalon®, Chlorobutyl, Buna-N, EPDM and Viton®



### Dimensions Type R All-Rubber Pinch Valve

Nominal Valve Size	I.D. D	Length F to F	Body O.D. A	Insertion Depth B	No. of Clamps Each End	Stem Height C	Working Pressure psi	Valve Weight lbs
1"	1.315"	8"	25/8"	1"	1	1"	100	2
1-1/4"	1.610"	8"	3"	1"	1	1"	100	2-1/2
1-1/2"	1.900"	9"	3-1/4"	1-1/2"	1	1"	100	3
2"	2.375"	10"	3-11/16"	2"	2	1"	100	4
2-1/2"	2.875"	14"	4-3/16"	2"	2	1"	75	6
3"	3.500"	16"	4-7/8"	3"	2	1"	75	8
4"	4.500"	20"	5-7/8"	3"	3	1"	75	12.5
5"	5.563"	22"	7"	3"	3	1"	75	17
6"	6.625"	24"	8"	3"	3	1"	75	22
8"	8.625"	30"	10-1/16"	3"	3	1"	50	35

