## Red Valve<sup>®</sup>

## **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, virtually maintenance-free design

## Materials of Construction

- · Body: Elastomer reinforced with high strength fabric
- **Tube:** Pure Gum Rubber, Ethylene Propylene Diene Terpolymer (EPDM)\*, Acrylonitrile-Butadiene (NBR), Fluoroelastomer (FKM)\*, Chloroprene (CR)\*, Chlorosulfonated Polyethylene (CSM), Chloro-Isobutylene-Isoprene (CIIR)
  - \* White food grade options available.

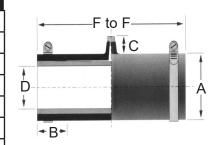
Red Valve's Type R All-Rubber Pinch Valve is an ideal valve for water, chemicals, solids and slurry applications. The Type R is easily installed between two pieces of pipe with hose clamps. Simply add 20-psi air pressure over line pressure and the valve closes drop-tight. For example, if process line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

The Type R has all the advantages of a Pinch Valve.There are no packing glands or seat crevices, and the full-port design eliminates bridging or slurry dewatering. Each time the valve flexes, it self-cleans.

The Type R Pinch Valve is excellent 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 ideal valve to have in stock for an instant repair or to isolate a pipeline.

The Type R Valve's body is elastomer-reinforced with fabric bonded to the inner sleeve. The sleeve is 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 an affordable and virtually maintenance-free valve.

	DIMENSIONS in/mm							
	INNER		BODY OUTER	INSERTION	STEM	NUMBER	WORKING	
VALVE	DIAMETER	LENGTH	DIAMETER	DEPTH	HEIGHT	OF CLAMPS	PRESSURE	WEIGHT
SIZE	D	F TO F	Α	В	C	EACH END	psi/kPa	lbs/kg
<u>1"</u>	<u>1.32</u>	<u>8.00</u>	<u>2.63</u>	<u>1.00</u>	<u>1.00</u>	1	<u>100</u>	<u>2</u>
25mm	34	203	67	25	25		690	1
<u>1.25"</u>	<u>1.61</u>	<u>8.00</u>	<u>3.00</u>	<u>1.00</u>	<u>1.00</u>	1	<u>100</u>	<u>2.5</u>
32mm	41	203	76	25	25		690	1
<u>1.5"</u>	<u>1.90</u>	<u>9.00</u>	<u>3.25</u>	<u>1.50</u>	<u>1.00</u>	1	<u>100</u>	<u>3</u>
40mm	48	229	83	38	25		690	1
<u>2"</u> 50mm	<u>2.38</u> 60	<u>10.00</u> 254	<u>3.69</u> 94	<u>2.00</u> 51	<u>1.00</u> 25	2	<u>100</u> 690	<u>4</u> 2
<u>2.5"</u>	<u>2.88</u>	<u>14.00</u>	<u>4.19</u>	<u>2.00</u>	<u>1.00</u>	2	<u>75</u>	<u>6</u>
65mm	73	356	106	51	25		520	3
<u>3"</u>	<u>3.50</u>	<u>16.00</u>	<u>4.88</u>	<u>3.00</u>	<u>1.00</u>	2	<u>75</u>	<u>8</u>
80mm	89	406	124	76	25		520	4
<u>4"</u>	<u>4.50</u>	<u>20.00</u>	<u>5.88</u>	<u>3.00</u>	<u>1.00</u>	3	<u>75</u>	<u>12.5</u>
100mm	114	508	149	76	25		520	6
<u>5"</u>	<u>5.56</u>	<u>22.00</u>	<u>7.00</u>	<u>3.00</u>	<u>1.00</u>	3	<u>75</u>	<u>17</u>
125mm	141	559	178	76	25		520	8
<u>6"</u>	<u>6.63</u>	<u>24.00</u>	<u>8.00</u>	<u>3.00</u>	<u>1.00</u>	3	<u>75</u>	<u>22</u>
150mm	168	610	203	76	25		520	10
<u>8"</u>	<u>8.63</u>	<u>30.00</u>	<u>10.06</u>	<u>3.00</u>	<u>1.00</u>	3	<u>50</u>	<u>35</u>
200mm	219	762	256	76	25		350	16



## Type R