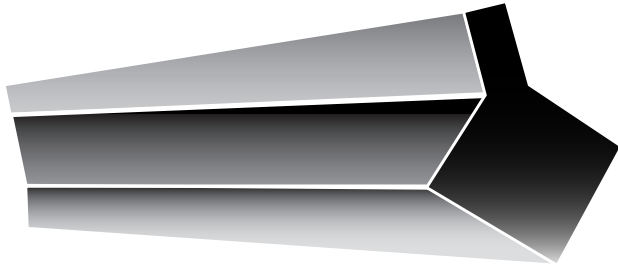




Pinch Valve Technical Information

Diamond Seal Gasket

Red Valve recommends that the diamond seal gasket be replaced in all Type A Pinch Valve whenever the body is disassembled for sleeve inspection or replacement.



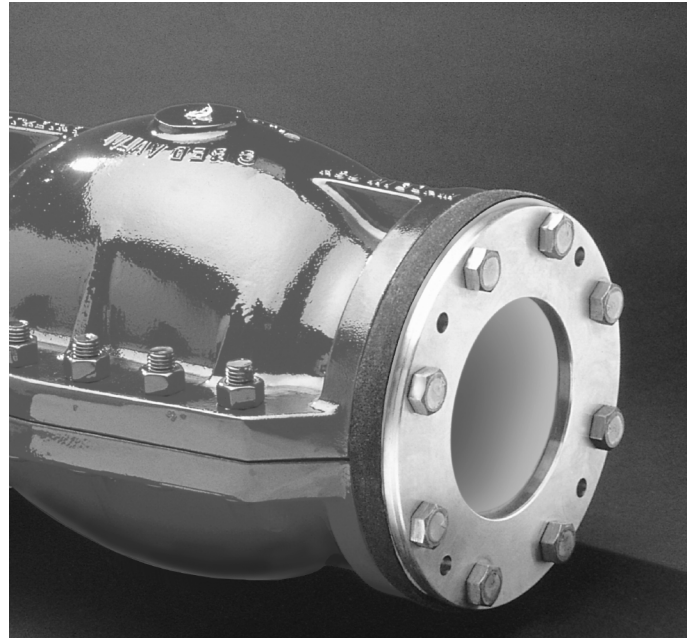
NOTE:

Red Valve has available two different sizes of Diamond Seal Gaskets, dependant upon valve size. 3/8" is applicable for all sizes up to and including 6" (150mm). 5/8" size gasket is for valves 8" (200 mm) valves and larger.

The standard material for Diamond Seal Gaskets is NEOPRENE. Customers should ensure that if the fluid is critical, and not compatible with Neoprene, that either of two other available gasket materials (HYPALON® OR VITON®), be specified in newly purchased valves.

If existing valves are in stock and scheduled for installation in aggressive service, replacement gaskets of one of the optional materials should be ordered and field installed prior to valve installation.

Check Red Valve compatibility chart for assistance in material selection of gaskets.



The following charts in ANSI and METRIC are intended to advise you on the amount of gasket required for each valve.

ANSI

| VALVE SIZE | QTY. REQUIRED PER VALVE | VALVE SIZE | QTY. REQUIRED PER VALVE |
|------------|-------------------------|------------|-------------------------|
| 1" | 1' | 8" | 4' |
| 1 1/2" | 2' | 10" | 4' |
| 2" | 2' | 12" | 5' |
| 2 1/2" | 2' | 14" | 5' |
| 3" | 2' | 16" | 6' |
| 4" | 2' | 18" | 7' |
| 5" | 3' | 20" | 8' |
| 6" | 4' | 24" | 8' |

METRIC

| VALVE SIZE | QTY. REQUIRED PER VALVE | VALVE SIZE | QTY. REQUIRED PER VALVE |
|------------|-------------------------|------------|-------------------------|
| 25 mm | 260 mm | 100 mm | 600 mm |
| 40 mm | 320 mm | 150 mm | 800 mm |
| 50 mm | 400 mm | 200 mm | 1,050 mm |
| 60 mm | 440 mm | 250 mm | 1,475 mm |
| 80 mm | 525 mm | 300 mm | 1,475 mm |