

FluoroSeal Inc.



M-OMI-0001revB



LINED VALVES OPERATING & MAINTENANCE INSTRUCTIONS

FLUOROSEAL VALVES REQUIRE LITTLE OR NO MAINTENANCE AND WHEN PROPERLY APPLIED CAN BE EXPECTED TO GIVE LONG TROUBLE FREE SERVICE.

PRODUCT DESCRIPTION

Product description and serial numbers are available on the Test Report ETP-0001.1.
Range of temperatures: -20°F to 399°F (-29°C to 204°C) for PFA valve lining material.
Maximum allowable pressure: 19.6 bar at 100°F (38°C) for WCB valve.

HANDLING & STORAGE INSTRUCTIONS

FluoroSeal® Plug Valves are normally shipped overland in cardboard boxes or on skids, and when overseas, in crates with plastic lining and dessicant bags. Skids or crates can be handled with care using a forklift. Boxes can generally be hand-carried.

End protectors should only be removed immediately prior to installation. Short to medium term storage should be in a dry, preferably covered, environment. Long-term storage requires crating and plastic lining as well as periodic inspection and replacement of dessicant bags as required.

SEAL ADJUSTMENTS

All FluoroSeal valves are factory adjusted and pressure tested for bubble tight seal. Normally further adjustment is not required. Should seepage occur at the plug stem or downstream the following adjustment procedure should be followed:

Locate the setscrew on the front of cover (see Figure 1). The adjustment is done gradually until no seepage is observed. Care should be taken to prevent over-adjusting as this will result in excessive operating torque. The valve should be operated a full cycle after adjustment.

Should seepage still occur after adjustment, valve may require replacement.

COVER BOLTS TIGHTENING

If readjustment of the cover bolts torque is required, use the following torque values:

Bolt Size	Ft.lb	Bolt Size	Ft.lb
5/16"	12	1/2"	45
3/8"	20	5/8"	95
7/16"	35	3/4"	130

Should further assistance be required contact your distributor.

LIST OF COMPONENTS IN APPENDIX A — FIGURE 1

WCB Body	WCB Plug with PFA Liner
EZ-SEAL®* Cover with Gauge	PFA Liner
EZ-SEAL®* Cam	Metal Diaphragm
PTFE Diaphragm with 45° Delta Ring	EZ-SEAL®* Bracket
EZ-SEAL®* Lock	Cover Bolts
EZ-SEAL®* Adjustment Bolt	Bracket Bolts
Name Plate	



