



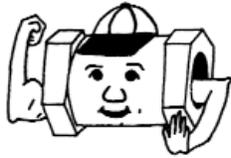
# KEPNER PRODUCTS COMPANY

ESTABLISHED IN 1948

TIPS#11

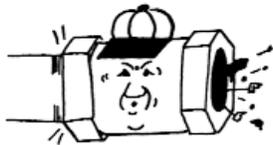
## Kep-O-seal® Inline Valves - Installation Care

Kep-O-seal® valves are high grade, precision mechanisms and will perform admirably if properly handled and installed. A few minutes of care initially will assure zero leakage and trouble free service. Here we illustrate a few reminders of preferred procedure. Proper specification and installation is the customer's responsibility.



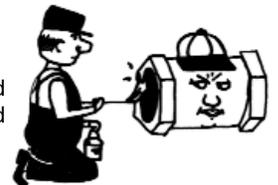
**Handle with care** - Kep-O-seal® valves are rugged, can stand hard use and much abuse - but precision threads can be damaged. Keep threads protected until time of installation and don't poke anything into valve from either end. Do not drop.

**Double wrench** on assembly and disassembly. Always use the hex closest to connection to prevent body distortion or inadvertent dis-assembly of valves.



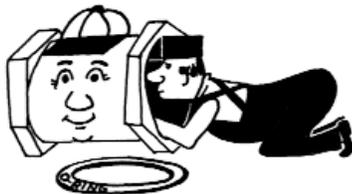
**Beware of chips** - Pipe, tubing and valve ends must be clean. System contaminants in any valve can foul or erode valve seats and cause leakage. Back Flush systems before putting in service whenever possible. Install screens or filters where required to protect valves. Debris can prevent the valve from sealing properly, causing it to stick in the open or closed position.

**Pipe Dope** goes on male threads carefully, so none gets in valve and system. Strings of tape type sealants can also foul valve seats. Good connections and proper seals prevent leakage.



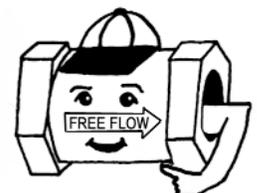
**Proper support** will prevent strain and distortion due to sagging pipe. Hangers and supports should be close enough and properly aligned.

**Shock surges and vibration** can induce stresses of great magnitude on internal components and end connections. They should be avoided if possible. Again, the proper use of de-surgers, hangers and supports will lengthen the service life.



**Check identification** to make sure valve is correct model, of proper material, with specified O-Ring and correct spring setting to insure the valve meets your defined requirement.

**Flow Arrows** - Install all valves with the arrow pointed in the direction of flow. Verify flow is correct by making sure valve opens in the direction of flow. From the closed position, the poppet moves away from the seat in the direction of flow.



Valve performance is dependent on proper selection, application, installation and maintenance. Consult Factory.

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