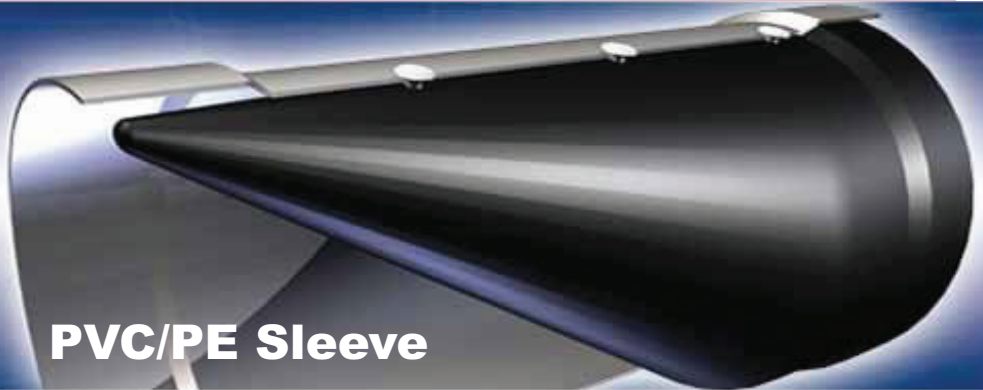


J & S Valve[®]



WASSTOP[®]



The secret to WaStop®'s effectiveness is its specialized **Memory Membrane**, inserted inside either stainless steel or pvc pipes depending on the application. The **Memory Membrane** is constructed of a specially formulated blend of polyurethane which gives it exceptional shape retention and chemical resistance. This ensures WaStop® always opens when needed, but then immediately seals to prevent backflow.

How it works

The revolutionary patented and certified WaStop® inline check valve can be installed in minutes in a pipeline or chamber. It can be installed either horizontally or vertically and either at an inlet or outlet. WaStop® can be installed to prevent backflow in all cases.

Flow in the normal direction causes a slight pressure build-up against the membrane which in turn causes the membrane to open just enough to allow the flow to pass unhindered. When backflow occurs the membrane fills with water or gas and acts as a stopper blocking all back flow in the pipe or drain. WaStop® check valve can be designed to withstand up to 8 meters back pressure.

Advantages of WaStop®

- Installed for over 10 years worldwide with 100% satisfaction
- Superior construction materials
- Extremely low head loss
- Low life cycle cost and easy installation
- No moving parts - virtually maintenance-free
- Many dimensions 75 - 1500 mm std & non-standard pipes
- Stops liquids, gases, odours, insects and small animals
- Many installation options - vertical to horizontal
- The ORIGINAL inline check valve - leading development

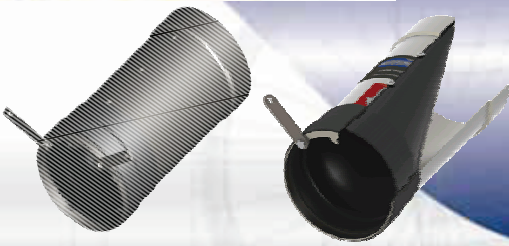


Destroyed Curved Bill Style Check Valve

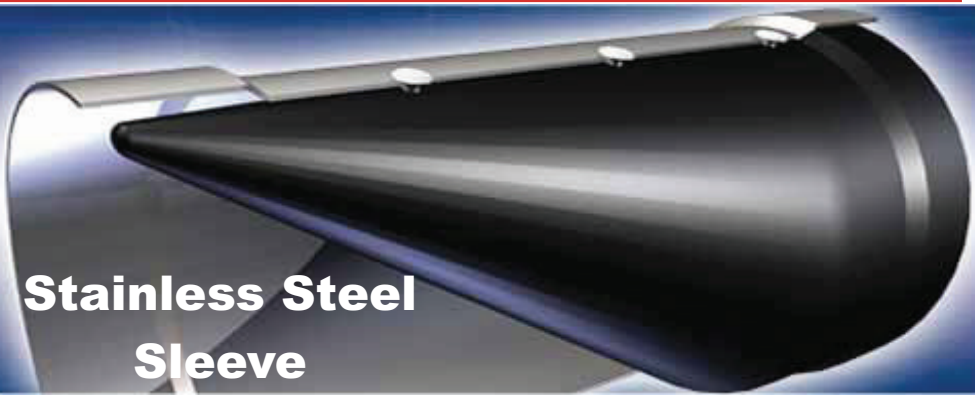


WaStop PVC Replacement

2323 1st Street ▪ Huffman, TX 77336 ▪ Phone: 281.324.3990
 Fax: 281.324.6879 ▪ Email: sales@JandSValve.com ▪ JandSValve.com



Stainless Steel Sleeve



Inline Installation

Chamber Installation



Outlet Installation

Flange Installation



Applications for WaStop®

Basement flooding

Installing a WaStop® inline check valve in the buildings' drainage system or in a basement can protect the property from flooding. Installation costs and time invested can be kept to a minimum by installing a WaStop® in an existing drainage system.

Odour control

The discharge of odours or aggressive gases from sewage systems can be a major problem in some areas. Discharge can be stopped, or directed to a less sensitive area by installing a WaStop®.

Waste water, surface water and tidal areas

WaStop® protects wastewater and stormwater pipe systems from high water levels in rivers, lakes and tidal areas. By installing WaStop® insects and small animals are also stopped from entering storm and waste water systems.

Emergency overflow

Flooding may occur between waste and stormwater drains caused by water forcing its way back into the drainage system. To prevent this a WaStop® can be installed in the emergency overflow.

Wetlands

Prevent salt water or other unwanted water from forcing back through an outlet leading to flooding of wetlands or other flood sensitive farmland.



Stainless Steel Sleeve



Custom Installation