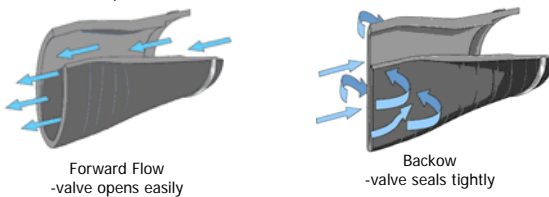


TIDEFLEX® Check Valves

Engineered for Every Drainage System

The **Tideflex® TF-1 Check Valves** eliminate potential backflow and are an excellent replacement for ineffective metal flap gate valves. Tideflex Valves do not corrode, warp or freeze and are virtually maintenance free. They handle large obstructions without jamming, and there is no flap, gate or door to hang open or jam shut. Due to its nature, the valve collapses around any debris and seals off the backflow.

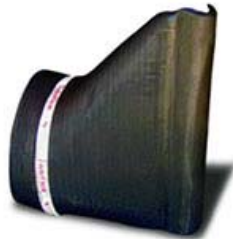


Tideflex DN450 (18'') and larger are constructed with a 180° curved bill, which increases the sealing area and allows the valve to form a tighter seal area around solids. The more flexible curved tip allows even lower headloss.

The flat bottom and offset-bill design of the Tideflex valve allows it to be installed without any modifications to the structure of existing interceptors, manholes and chambers.

To eliminate standing water Tideflex valve offers low cracking pressure that is not affected by rust, corrosion or la

For example, in tidal areas the duckbill lips collapses tighter and tighter as the tide height increases. The pressure forcing the lips together puts a squeeze effect on any solids build-up. The valve forms around the obstruction until enough runoff flexes the lips open and flushes the material out. Valves buried in sand, silt or mud can still discharge flow.



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SINGER Control Valves providing control over:

- pressure
- flow
- level
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- sustain
- surges
- pumps.

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OUR PRODUCTS

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- [Control valves - Singer](#)
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CONTACT US

MeasurIT Technologies Ltd.

Craan, Craanford,
Gorey, Co. Wexford, Ireland

phone: +353 (0)53 942 8962

fax: +353 (0)53 942 8963

email: info@measurIT.com

www.measurIT.com