

PROCO STYLE 750



ProFlex™ Jacketed In-line Flanged Rubber Check Valves

Unique Features

- Maintenance free
- Will seal even with solids entrapment
- Designed to withstand wear
- Quiet operation, no water hammer!
- 100% backflow prevention
- Tough enough for abrasive slurries
- No body halves with problematic sealing issues

The **ProFlex™ 750** is designed to be the answer to enclosed body check valve requirements for slurry applications. It requires no external power sources, thereby making operation costs obsolete.

The valve's unique design means there are no mechanical parts to break down or wear therefore reducing maintenance costs.

The **ProFlex™ 750** easily allows flow of abrasive materials such as raw sewage, sludges or slurries. The elastomer's flexible design allows the media to flow without significant head losses and will seal around solids trapped in the valve.

The **ProFlex™ 750** valves are versatile and can be installed either horizontally or vertically and are designed within industry standards for flange size and drilling.

Vacuum supports can be supplied independent to the valve as well as internal supports which can ensure back pressures up to 600 psi depending on pipe size.

Applications

Potable Water Outfalls - Stand Pipes - Sewer Interceptors - Wet Wells - Mine Tailing Pipeline outfalls - Dredging - Scrubber Pipe Systems - Outfall Lines - Pneumatic Conveying- Pump Backflow Protection

Construction

The solid carbon steel body (optional materials are available) and one-piece rubber valve provide lasting durability. The unique feature is the pull through design which provides a tamper proof valve required for Homeland Security Issues. The 2 flush ports allows for easy cleaning of the valve's interior body.

Replacement Costs?

Cost Effective and Simple! The inner sleeve is a standard **ProFlex™ 710** readily available for quick replacement if the sleeve does need unlikely replacement.



Table 6: Sizes • Dimensions • Working Pressure

PIPE SIZE ID	D Length	C Height	W Width	Working Pressure (psig)
1"	4.5"	5.75"	4.25"	125
1.25"	5.5"	6"	4.5"	125
1.5"	6.5"	6.5"	5"	125
2"	8.5"	8"	6"	125
2.5"	9.5"	9.25"	7"	125
3'	11.5"	9.75"	7.5"	125
4"	11.75"	11.75"	9"	125
6"	19"	14.5"	11"	100
8"	21"	19"	13.5"	100
10"	23"	23"	16"	75
12"	25"	27"	19"	75
14"	29"	28.5"	21"	50
16"	33"	30"	25"	50
18"	38"	33.5"	25"	50
20"	41.5"	37"	27.5"	50
24"	49.5"	48"	32"	50

Notes: Higher back pressures can be obtained by using Internal Supports, contact PROCO.

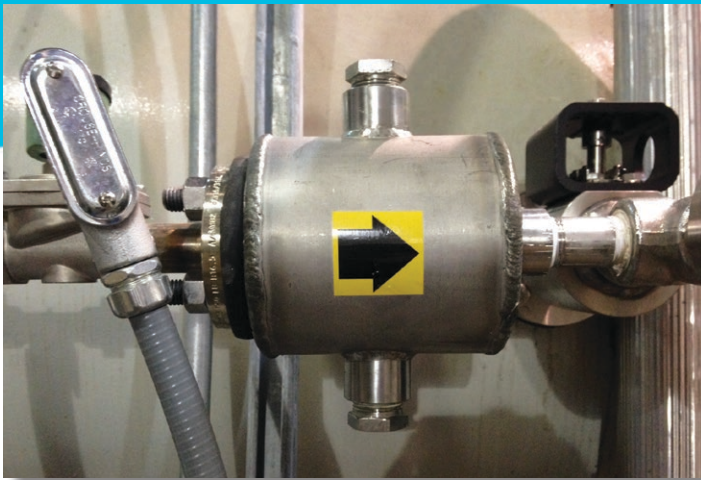
Dimensions are approximate and may change due to pipe dimension changes, inlet, back pressures and flow rates.

1. Larger sizes available upon request.

2. Weights are approximate.

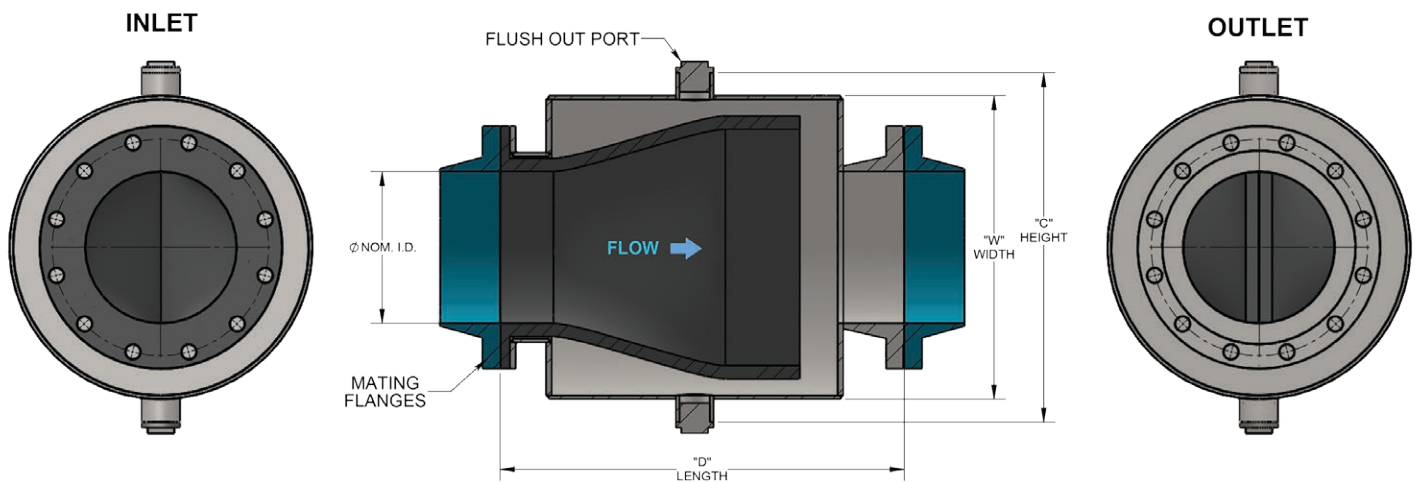
Available Elastomers

Neoprene (Barnacle and Algae Resistant),
NSF/ANSI Standard 61, EPDM, Nitrile,
Natural Rubber, CSM and Chlorobutyl.



Vacuum and high back pressure supports ensure continued protection in severe back flow conditions

Detail of the *ProFlex™* Jacketed In-line Flanged Rubber Check Valve; Style 750



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