## Flex-Valve

Duck-Bill In-Line Check Valves

## Series 4300

## Features:

- Reliable and cost-effective alternative to conventional in-line check valves
- Eliminates backflow and seals around entrapped solids
- Rugged all-elastomer construction in a full variety of materials
- Maintenance-free operation with no mechanical components that can corrode or seize
- Lower head loss than conventional check valves
- Will open with as little as 1 " W.C.
- Quiet operation (non-slamming)
- Non-plugging
- Excellent corrosion and abrasion resistance
- Versatile construction for a wide range of applications
- Style 4300 and 4350 are manufactured to fit inside standard pipe. No valve body is required, making them cost effective and ideal for difficult applications including: tank outlets, floor drains, sewer interceptors, overflow systems, retention basins and manhole outlets. The smaller bill width will increase the pressure drop and will maintain a maximum of $75 \%$ of the full port area. Style 4300 is bolted in place between two flanges. Style 4350 is secured in place with an expandable clamp.
- Style 4320 is manufactured for full flow with a minimum pressure drop. The enclosed body is provided with flush and clean out ports for


THE FLEXIBLE-VALVE IN-LINE CHECK VALVES OPEN WITH LINE PRESSURE


WITH REVERSE PRESSURE THE VALVE CLOSES EVEN ON SOLIDS TO PREVENT BACKFLOW
 ease of maintenance.

|  | S T Y L E | 4350 | STYLE 4320 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pipe Size | $\underset{A}{\text { Length }}$ | Flange 0.D. C | Flange Thickness | Height H | Length A | Height C |
| 2 | 6 | 6 | 1/2 | 1-7/8 | 8-1/2 | 6-1/2 |
| 3 | 6 | $71 / 2$ | 1/2 | 2-7/8 | 11-1/4 | 8 |
| 4 | 8 | 9 | 3/4 | 3-7/8 | 11-1/2 | 10-3/4 |
| 6 | 12 | 11 | 3/4 | 5-7/8 | 14 | 14 |
| 8 | 14 | 13-1/2 | 3/4 | 7-7/8 | 19-1/2 | 17-1/4 |
| 10 | 16 | 16 | 3/4 | 9-7/8 | 24-1/2 | 22-3/4 |
| 12 | 20 | 19 | 1 | 11-7/8 | 27-1/2 | 24-3/4 |
| 14 | 24 | 21 | 1 | 12-3/4 | 31 | 27-3/4 |
| 16 | 26 | 23-1/2 | 1 | 14-3/4 | 34 | 31-1/4 |
| 18 | 28 | 25 | 1 | 16-3/4 | 38-1/2 | 35 |
| 20 | 32 | 27-1/2 | 1 | 18-3/4 | 40 | 42-3/4 |
| 24 | 34 | 32 | 1 | 22-3/4 | 51 | 45-1/2 |

Notes: 1) For full product specifications and installation instructions, see SPEC4300-1, SPEC4350-1, SPEC4320-1 and ININ4300-1, ININ4350-1, ININ4320-1, respectively. 2) All dimensions expressed in inches. Contact General Rubber for sizes not shown and higher pressure ratings. 3) Customer to provide head pressure and maximum back pressure when ordering

