

# Series TF-2 / Series 35

- ▶ 100% elastomer construction
- ▶ Will not rust or corrode
- ▶ Will not warp or freeze open or shut
- ▶ Custom-built to customer specifications
- ▶ Low cracking pressure, low headloss
- ▶ Eliminates backflow

**Materials of Construction:**  
Neoprene, Hypalon®, Buna-N, EPDM, Viton®

**Mounting Bands:**  
304 or 316 Stainless Steel

The Tideflex® Series TF-2 and Series 35 Check Valves offer low cracking pressure to eliminate standing water. They have very low headloss that is not affected by rust, corrosion or lack of lubrication. The TF-2 and 35 are cost-effective because they require no maintenance or repairs. They have a long operational life span. The check valves operate using line pressure and backpressure to open and close, so no outside energy source is required.

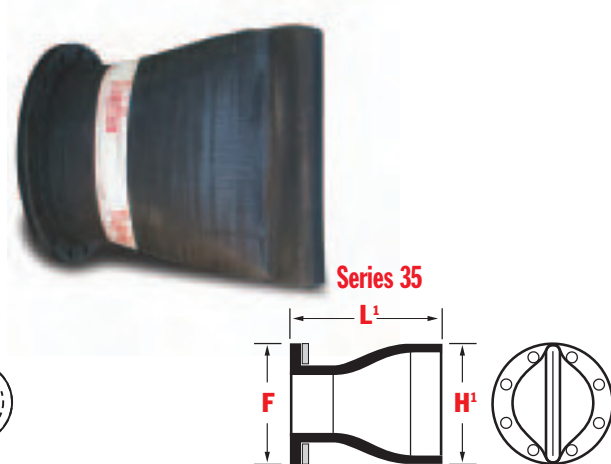
The TF-2 and 35 are excellent replacements for ineffective metal flapgate valves because they will not warp or freeze and are virtually maintenance free.

The inside diameter of the TF-2's cuff is constructed to exactly match the outside diameter of the pipe.

The Series TF-2 is designed to slide onto the pipe O.D. and is held in place with clamps. The Series 35 is designed with integral flanges. Tideflex® TF-2 and Series 35 valves are constructed with a curved bill as standard in sizes 18" and larger.



**Series TF-2**



**Series 35**

| Pipe O.D.<br>(A) | Length<br>(L) | Bill Height<br>(H) | Cuff Length<br>(C) |
|------------------|---------------|--------------------|--------------------|
| 1/2              | 3             | 1 1/2              | 1/2                |
| 3/4              | 3             | 2                  | 1                  |
| 1                | 4             | 2                  | 1                  |
| 1 1/2            | 7             | 4                  | 1                  |
| 2                | 6             | 4                  | 1                  |
| 3                | 9             | 6                  | 1 1/2              |
| 4                | 12            | 7                  | 1 1/2              |
| 5                | 16            | 9                  | 2                  |
| 6                | 16            | 11                 | 2                  |
| 8                | 17            | 13                 | 2                  |
| 10               | 23            | 17                 | 3                  |
| 12               | 27            | 21                 | 4                  |
| 14               | 26            | 22                 | 4                  |
| 16               | 28            | 27                 | 5                  |
| 18               | 31            | 27                 | 6                  |
| 20               | 35            | 33                 | 8 1/2              |
| 22               | 37            | 33                 | 8                  |
| 24               | 43            | 39                 | 8                  |
| 26               | 43            | 39                 | 8                  |
| 28               | 43            | 39                 | 8                  |
| 30               | 46            | 50                 | 9                  |
| 32               | 48            | 54                 | 10                 |
| 36               | 50            | 62                 | 10                 |
| 38               | 50            | 62                 | 10                 |
| 40               | 50            | 62                 | 10                 |
| 42               | 61            | 74                 | 10                 |
| 44               | 61            | 74                 | 10                 |
| 48               | 68            | 81                 | 12                 |
| 50               | 68            | 81                 | 12                 |
| 54               | 80            | 100                | 12                 |
| 58               | 80            | 100                | 12                 |
| 60               | 80            | 101                | 15                 |
| 68               | 80            | 101                | 15                 |
| 72               | 105           | 120                | 17                 |
| 84               | 101           | 116                | 18                 |
| 90               | 113           | 124                | 17                 |
| 92               | 113           | 124                | 17                 |
| 96               | 113           | 124                | 17                 |

| Flange Size<br>(ANSI) | Length<br>(L') | Bill Height<br>(H') | Flange O.D.<br>(F) |
|-----------------------|----------------|---------------------|--------------------|
| 1/2                   | 3              | 1 1/2               | 3 1/2              |
| 3/4                   | 3              | 2                   | 3 7/8              |
| 1                     | 4              | 2                   | 4 1/4              |
| 1 1/2                 | 7              | 4                   | 5                  |
| 2                     | 6              | 4                   | 6                  |
| 3                     | 9              | 6                   | 7 1/2              |
| 4                     | 12             | 7                   | 9                  |
| 5                     | 16             | 9                   | 10                 |
| 6                     | 16             | 11                  | 11                 |
| 8                     | 17             | 13                  | 13 1/2             |
| 10                    | 23             | 17                  | 16                 |
| 12                    | 27             | 21                  | 19                 |
| 14                    | 26             | 22                  | 21                 |
| 16                    | 28             | 27                  | 23 1/2             |
| 18                    | 31             | 27                  | 25                 |
| 20                    | 35             | 33                  | 27 1/2             |
| 22                    | 37             | 33                  | 29 1/2             |
| 24                    | 43             | 39                  | 32                 |
| 30                    | 46             | 50                  | 38 3/4             |
| 36                    | 50             | 61                  | 46                 |
| 42                    | 56             | 71                  | 53                 |
| 48                    | 61             | 78                  | 59 1/2             |
| 54                    | 74             | 97                  | 66 1/4             |
| 60                    | 74             | 97                  | 73                 |
| 72                    | 95             | 115                 | 86 1/2             |

Dimensions are subject to change due to customized construction.