



# TPS TX3<sup>®</sup>

Wide Range Transition Coupling



**Up To  
275 PSI  
Pressure**



**Universal  
Pipe Types**



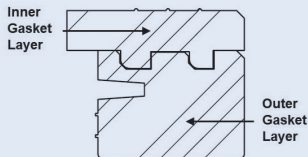
**Reduce  
Time  
On Job**

## Benefits

- » Available 2" - 24" Diameters
- » Easy-Lift Handle
- » Industry leading range of fit up to 1.30"
- » Patented removable and replaceable inner gasket



The 2-layered gasketing system provides a built-in wide range.



Use your thumb or other device to remove inner gasket layer.



## Specifications:

**Middle Ring Materials:** Carbon Steel ASTM A53 Grade A, A283 Grade C or equivalent

**End Ring Materials:** Carbon Steel ASTM A283 Grade D, ASTM A536 or equivalent

**Gasket Bridge-Plate Material:** ASTM A240 Type 304 Stainless Steel

**Coating:** 12 mils of proprietary NSF-61/372 approved Fusion-bonded Epoxy coating

**Hardware:** ASTM A193 Grade B bolts, ASTM A194 nuts 18-8 Type 304 Stainless Steel with anti-seize

Fluorocarbon coating on all threads to prevent galling. Sizes 2, 3, 4" use a 3/4" wrench on nut, all other sizes use a conventional waterworks 1-1/16" wrenches.

**Gasketing System:** The Patented dual layer adjustable and fully replaceable inner gasket system is compounded of high grade NBR (nitrile) and is rated for potable water, wastewater, sewer line content and liquid hydrocarbons.

TX3 Coupling meets or exceeds AWWA C-219 and is NSF-61 and NSF-372 standards for contact with drinking water.

| REGULAR BODY   |                  |                     |                               |   |                  |                  |                 |                           |         |
|----------------|------------------|---------------------|-------------------------------|---|------------------|------------------|-----------------|---------------------------|---------|
| Nom. Dia. Size | Reference Number | Overall Range (in.) | Low Range (with Inner Gasket) | High Range (Inner Gasket Removed) (in.) | "A" Length (in.) | "B" Height (in.) | "C" Width (in.) | Maximum Allowable Working | Weight  |
| 2"             | TX3-0303         | 2.10-3.03           | 2.10-2.60                     | 2.56-3.03                               | 7.55             | 6.91             | 6.67            | 275 PSI                   | 8 lbs   |
| 3"             | TX3-0420         | 3.10-4.20           | 3.10-3.56                     | 3.70-4.20                               | 9.55             | 8.26             | 7.18            | 275 PSI                   | 12 lbs  |
| 4"             | TX3-0561         | 4.45-5.61           | 4.45-5.06                     | 4.94-5.61                               | 9.81             | 9.98             | 8.74            | 275 PSI                   | 18 lbs  |
| 6"             | TX3-0765         | 6.56-7.65           | 6.56-7.05                     | 7.04-7.65                               | 12               | 12.22            | 10.79           | 275 PSI                   | 22 lbs  |
| 8"             | TX3-0984         | 8.54-9.84           | 8.54-9.15                     | 9.15-9.84                               | 12               | 14.36            | 13.10           | 275 PSI                   | 26 lbs  |
| 10" US         | TX3-1184         | 10.64-11.84         | 10.64-11.18                   | 11.18-11.84                             | 12               | 16.68            | 15.39           | 260 PSI                   | 43 lbs  |
| 10" OS         | TX3-1226         | 11.01-12.26         | 11.01-11.63                   | 11.59-12.26                             | 12               | 17.05            | 16.22           | 260 PSI                   | 44 lbs  |
| 12" US         | TX3-1366         | 12.62-13.66         | 12.62-13.06                   | 13.10-13.66                             | 12               | 18.51            | 17.65           | 260 PSI                   | 47 lbs  |
| 12" OS         | TX3-1445         | 13.14-14.45         | 13.14-13.78                   | 13.74-14.45                             | 12               | 19.56            | 18.38           | 260 PSI                   | 51 lbs  |
| 16"            | TX3-1920         | 17.10-19.20         | 17.10-18.19                   | 18.11-19.20                             | 12               | 26.27            | 24.50           | 260 PSI                   | 100 lbs |
| 24"            | TX3-2670         | 24.60-26.70         | 24.60-25.67                   | 25.59-26.70                             | 12               | 34.09            | 34.22           | 260 PSI                   | 140 lbs |
| LONG BODY      |                  |                     |                               |   |                  |                  |                 |                           |         |
| 2"             | TX3-0303-LB      | 2.10-3.03           | 2.10-2.60                     | 2.56-3.03                               | 11.30            | 6.91             | 6.67            | 275 PSI                   | 9 lbs   |
| 3"             | TX3-0420-LB      | 3.10-4.20           | 3.10-3.56                     | 3.70-4.20                               | 14.55            | 8.26             | 7.18            | 275 PSI                   | 15 lbs  |
| 4"             | TX3-0561-LB      | 4.45-5.61           | 4.45-5.06                     | 4.94-5.61                               | 14.67            | 9.98             | 8.74            | 275 PSI                   | 24 lbs  |
| 6"             | TX3-0765-LB      | 6.56-7.65           | 6.56-7.05                     | 7.04-7.65                               | 19.12            | 12.22            | 10.79           | 275 PSI                   | 32 lbs  |
| 8"             | TX3-0984-LB      | 8.54-9.84           | 8.54-9.15                     | 9.15-9.84                               | 19.12            | 14.36            | 13.10           | 275 PSI                   | 39 lbs  |
| 10" US         | TX3-1184-LB      | 10.64-11.84         | 10.64-11.18                   | 11.18-11.84                             | 19.75            | 16.68            | 15.39           | 260 PSI                   | 60 lbs  |
| 10" OS         | TX3-1226-LB      | 11.01-12.26         | 11.01-11.63                   | 11.59-12.26                             | 19.75            | 17.05            | 16.22           | 260 PSI                   | 62 lbs  |
| 12" US         | TX3-1366-LB      | 12.62-13.66         | 12.62-13.06                   | 13.10-13.66                             | 19.75            | 18.51            | 17.65           | 260 PSI                   | 66 lbs  |
| 12" OS         | TX3-1445-LB      | 13.14-14.45         | 13.14-13.78                   | 13.74-14.45                             | 19.75            | 19.56            | 18.38           | 260 PSI                   | 71 lbs  |

Note: TX3 is a non-restraining coupling External forces due to ground movement and thrust forces due to line pressure may cause axial pipe movement and separation of the pipe ends on unrestrained piping.

TX3 couplings shall not be used on HDPE with a wall thickness less than SDR-17.



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