



TPS TX3[®] WIDE RANGE COUPLING & FLANGED COUPLING ADAPTER

WATER & INDUSTRIAL



TPS TX3[®]

Wide Range Transition Coupling

The TX3[®] Wide Range Transition Coupling provides a versatile, installation-friendly solution for joining a wide range of pipe sizes and types with fewer couplings.



**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"
- » Removable and replaceable inner gasket

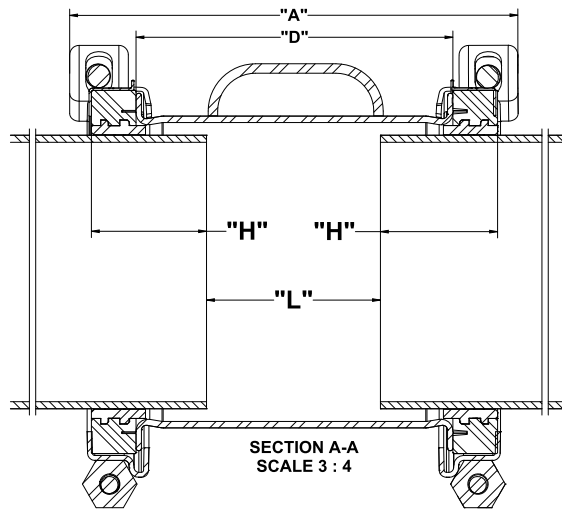
REMOVABLE 2-LAYER GASKETING SYSTEM

The 2-layered gasketing system provides a built-in wide range. Use your thumb or other device to remove inner gasket layer.



- TX3 Coupling meets or exceeds AWWA C-219 and is NSF-61 and NSF-372 standards for contact with drinking water.
- TX3 Couplings shall not be used on HDPE with a wall thickness less than SDR-17.





TX3 Regular | Long Body Dimensions

Nom. Dia. Size	Reference Number	Overall Range	Low Range (with Inner Gasket)	High Range (Inner Gasket Removed)	"A" Length	"B" Height	"C" Width	Maximum Allowable Working Pressure (MAWP)	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	13.1	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	24.5		100 lbs
24"	TX3-2670	24.60-26.70	24.60-25.67	25.59-26.70	12	34.09	34.22		140 lbs
LONG BODY									
2"	TX3-0303-LB	2.10-3.03	2.10-2.60	2.56-3.03	11.3	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	13.1	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	71lbs

Material Specifications:

Middle Ring: Carbon Steel ASTM A53 Gr. A, or equivalent

End Ring: Carbon Steel ASTM A283 Gr. D, or equivalent

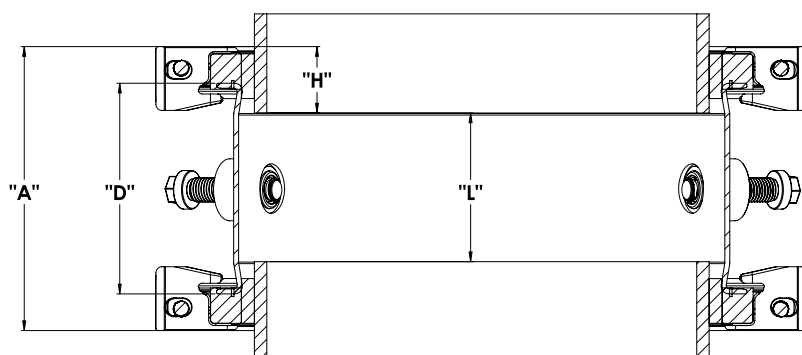
Spanner: 18-8 Type 304 Stainless Steel

Bolts and Nuts: 18-8 Type 304 Stainless Steel

Gaskets: NBR (NSF 61/372)

Coating: Fusion Bonded Epoxy (NSF 61/372)

Conforms or exceeds AWWA C219



SECTION B-B
SCALE 1 : 3



TX3 Large Diameter Regular | Long Body Dimensions

Nom. Dia. Size	Reference Number	Overall Range	Low Range (with Inner Gasket)	High Range (Inner Gasket Removed)	"A" Length	"B" Height	"C" Width	Maximum Allowable Working Pressure (MAWP)	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	13.1	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	24.5		100 lbs
24"	TX3-2670	24.60-26.70	24.60-25.67	25.59-26.70	12	34.09	34.22		140 lbs
LONG BODY									
2"	TX3-0303-LB	2.10-3.03	2.10-2.60	2.56-3.03	11.3	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	13.1	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

Material Specifications:

Middle Ring: Carbon Steel ASTM A53 Gr. A, or equivalent

End Ring: Ductile Iron ASTM A536 Gr.60-40-18 D, or equivalent

Spanner: 18-8 Type 304 Stainless Steel

Bolts and Nuts: 18-8 Type 304 Stainless Steel

Gaskets: NBR (NSF 61/372)

Coating: Fusion Bonded Epoxy (NSF 61/372)

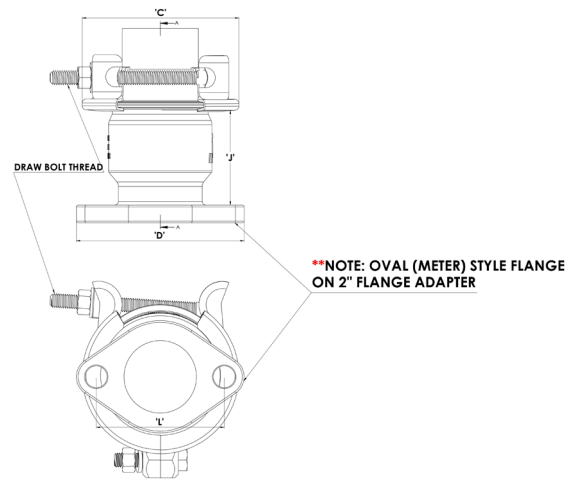
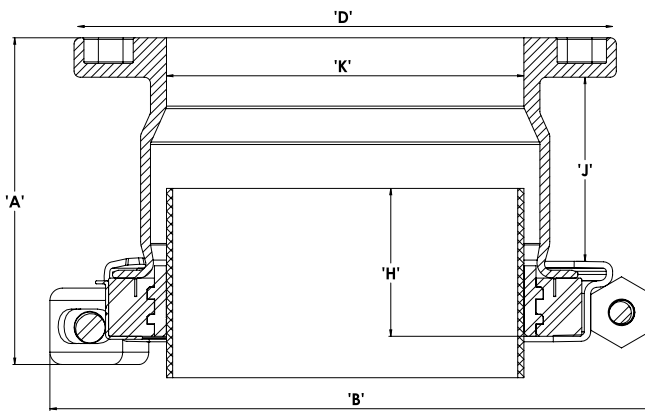
Flanged Coupling Adapter (FCA)



The new TX3 FCA leverages our patented gasket technology to provide an industry-leading range of fit across most waterworks pipe materials and diameters within a single nominal size up to 12". Compatible for use with AWWA Class B and D flanges, the TX3 FCA helps municipalities, distributors and contractors reduce inventory complexity and streamline installation.

BENEFITS

- » Connects Pipes to Valves & Pumps
- » Removable & Replaceable Gasket
- » Up to 1.30" of range of fit
- » Superior corrosion protection, coating meet or exceed AWWA C213



TX3 Flanged Adapter

Nominal Size	Overall Range	'A'	'B'	'D'	'K'	Coupling Weight
2"***	2.10-3.03	5.91	6.91	6.15	2.55	7 lbs.
3"	3.10-4.20	5.66	8.24	7.50	4.05	11 lbs.
4"	4.45-5.63	5.56	10.00	9.00	5.24	16 lbs.
6"	6.56-7.68	6.63	12.22	11.00	7.25	22 lbs.
8"	8.54-9.84	6.70	14.35	13.50	9.43	29 lbs.
10" US	10.64-11.84	6.66	16.52	16.00	11.26	39 lbs.
10" OS	11.01-12.26	6.66	16.66	16.00	11.54	38 lbs.
12" US	12.62-13.66	6.79	18.53	19.00	13.70	47 lbs.
12" OS	13.14-14.45	6.77	19.26	19.00	14.01	49 lbs.

Material Specifications:

Middle Ring: Ductile Iron ASTM A536 Gr. A, or equivalent
End Ring: Carbon Steel ASTM A283 Gr. D, or equivalent
Spanner: 18-8 Type 304 Stainless Steel
Bolts and Nuts: 18-8 Type 304 Stainless Steel

Gaskets: NBR (NSF 61/372)
Coating: Fusion Bonded Epoxy (NSF 61/372)
Flange: Use with ANSI Class 125/150 AWWA Class B/C rated to 175PSI working pressure

Specifications:

Middle Ring Materials

Carbon Steel ASTM A53 Grade A, ASTM 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

Proprietary fusion-bonded epoxy coating, NSF 61/372 approved

Hardware

- ASTM A193 Grade B bolts
- ASTM A194 nuts
- Type 304 (18-8) Stainless Steel
- Xylan Fluoropolymer Coating

Installation Hardware

- 2", 3", and 4" sizes use a 3/4" wrench on the nut
- All other sizes use standard 1-1/16" waterworks wrenches

Gasketing System

Dual-layer, adjustable, fully replaceable inner gasket system compounded of high-grade NBR (nitrile)

Application Compatibility

Suitable for potable water, wastewater, sewer line contents, and liquid hydrocarbons

Standards & Certifications

- Meets or exceeds AWWA C219 requirements
- NSF 61 certified for contact with drinking water
- NSF 372 certified for lead-free compliance

Additional Products Offered:



Ultra Tap



Ultra Sleeve



Dresser Pipeline Solutions

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