

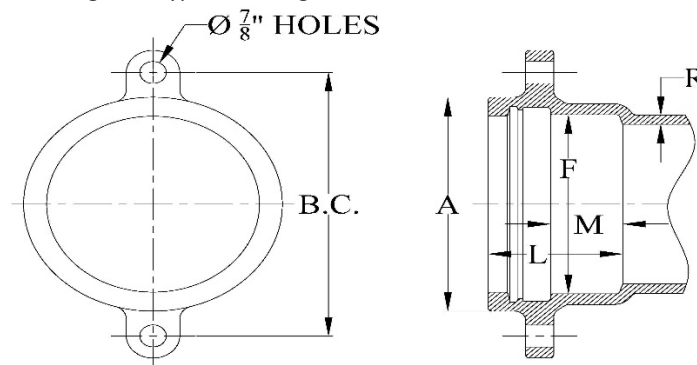
☐ DOMESTIC

☐ NON-DOMESTIC

SUBMITTAL: C153 UNION-TITE PRODUCT

(Current revisions for the noted Standards apply)

- SIZES:** 4" - 24"
- STANDARDS:** ANSI/AWWA C153/A21.53, NFPA13/24, 4"-12" UL listed & approved (File - Tyler Union)
- MATERIAL:** Cast of ASTM A536 qualified ductile iron. Date code is cast on and required for traceability.
- PRESSURE RATING:** Union-Tite/Push-on Joints 4" – 24" rated at 350 psi. *Flanged fittings rated at 250 psi.
*Note: With rubber annular ring flange gasket, 4" – 24" Flanged fittings can be rated at 350 psi.
Note: Wyes over 12" are not pressure rated. Contact Tyler Union for rating in your application.
- DEFLECTION:** Joint deflection 5° max for 4"– 12" and 3° max for 14"– 24". Reduces by 50% at nominal pipe & fitting diameters
- NSF-61 & NSF372:** Meets all requirements including Annex G, Tyler Union's Underwriters Laboratory listing MH16439.
- ASPHALT COATING:** Per ANSI/AWWA C104/A21.4 and ANSI/AWWA C153/A21.53.
- CEMENT LINING:** Per ANSI/AWWA C104/A21.4, with double cement lining available upon request.
- EPOXY COATING:** Fusion bonded epoxy per ANSI/AWWA C116/A21.16. Additional coatings available upon request.
- BARE FITTINGS:** Available upon request.
- FASTENERS:** High strength low alloy weathering steel per ANSI/AWWA C111/A21.11 and ASTM A242
- RESTRAINING LUGS:** *Lugs provided on 16" and smaller fittings. Lug pattern accommodates most grip type restraints.
*NOTE: With sufficient lead time to adapt tooling, restraining lugs are available on 18"-24" fittings.
- INSTALLATION:** Install per AWWA C600/C651 using pipe conforming to ANSI/AWWA C151/A21.51 or AWWA C900/905. Designed for use with TYTON® and McWane Sure Stop® gaskets. Contact Tyler Union regarding the installation or use of other gasket types and/or gasket manufacturers.



NOMINAL JOINT DIMENSIONS IN INCHES

Size Inches	Pipe Diameter	A Dia.	F Dia.	B.C. Dia.	L Dim.	M Dim.	R Dim.
4	4.80	6.38	5.04	7.88	4.16	2.25	0.35
6	6.90	8.52	7.14	10.50	4.29	2.25	0.37
8	9.05	10.90	9.32	12.88	4.78	2.25	0.39
10	11.10	12.91	11.37	14.69	4.98	2.25	0.41
12	13.20	15.12	13.47	17.19	4.98	2.25	0.43
14	15.30	18.12	15.64	19.00	5.40	2.25	0.51
16	17.40	20.32	17.74	21.40	5.40	2.25	0.52
18	19.50	22.52	19.83		5.40	2.25	0.59
20	21.60	24.29	21.94		5.40	2.25	0.60
24	25.80	29.14	26.14		5.65	2.50	0.62

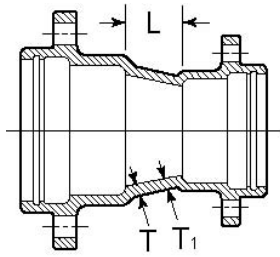
Tyler Union Waterworks Contact Information

Anniston: (800) 226-7601

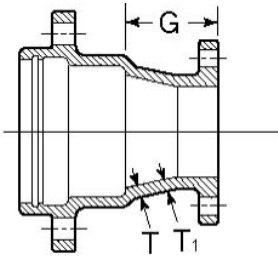
Corona: (866) 527-8471

Tyler: (800) 527-8478

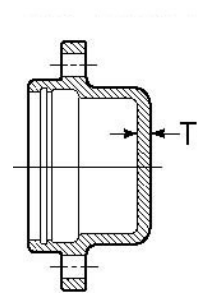
C153 DUCTILE IRON COMPACT FITTINGS



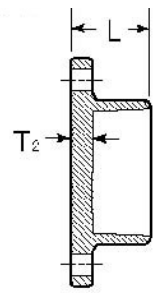
UTxUT Reducer



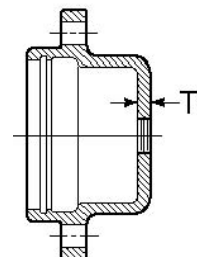
UTxFE Reducer



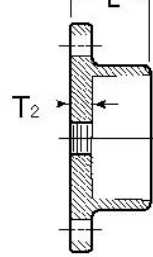
Solid Cap



Solid Plug



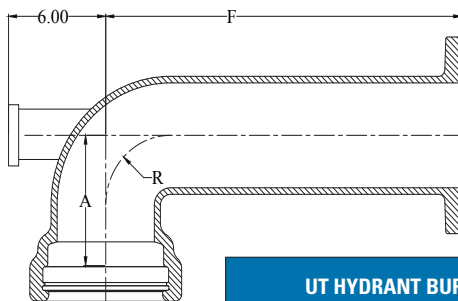
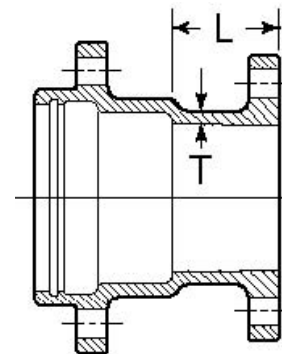
Tapped Cap



Tapped Plug

REDUCERS						
Size	T	T1	L	G	Weight	
					UT x UT	UT x Flange
6x4	0.37	0.35	4.00	6.00	32	32
8x4	0.39	0.35	5.00	7.00	46	46
8x6	0.39	0.37	4.00	6.00	49	47
10x4	0.41	0.35	7.00	9.00	47	55
10x6	0.41	0.37	5.00	7.00	47	59
10x8	0.41	0.39	4.00	6.00	53	61
12x4	0.43	0.35	9.00	11.00	74	78
12x6	0.43	0.37	7.00	9.00	58	75
12x8	0.43	0.39	5.00	7.00	74	74
12x10	0.43	0.41	4.00	6.00	82	95
14x6	0.51	0.44	9.00	11.00	84	121
14x8	0.51	0.45	7.00	9.00	85	128
14x10	0.51	0.46	5.00	7.00	87	127
14x12	0.51	0.47	4.00	6.00	104	144
16x6	0.52	0.45	11.00	13.00	94	133
16x8	0.52	0.46	9.00	11.00	104	141
16x10	0.52	0.47	7.00	9.00	130	158
16x12	0.52	0.48	5.00	7.00	152	172
16x14	0.52	0.51	4.00	6.00	139	196
18x8	0.59	0.45	14.00	16.00	142	157
18x10	0.59	0.47	12.00	14.00	151	175
18x12	0.59	0.49	10.00	12.00	167	215
18x14	0.59	0.56	8.00	11.50	217	234
18x16	0.59	0.57	7.00	10.50	202	246
20x10	0.60	0.47	14.00	16.00	180	234
20x12	0.60	0.49	12.00	—	205	—
20x14	0.60	0.56	10.00	13.50	233	249
20x16	0.60	0.57	8.00	11.50	250	272
20x18	0.60	0.59	7.00	—	248	—
24x12	0.62	0.49	16.00	18.00	246	262
24x14	0.62	0.56	14.00	17.50	281	315
24x16	0.62	0.57	12.00	15.50	380	328
24x18	0.62	0.59	10.00	—	390	—
24x20	0.62	0.60	8.00	—	421	—

UT CAPS & PLUGS					
Size	T1	T2	L	Weight	
				Cap	Plug
4	0.48	0.50	5.30	15	8.0
6	0.48	0.50	5.30	20	23.0
8	0.51	0.50	5.30	35	32.0
10	0.53	0.60	5.30	50	38.0
12	0.55	0.60	5.30	75	49.0



UT HYDRANT BURY

Size	A	F	R
6x42	7.50	42.00	4.00

Note: Please specify 8 bolt hole flange or 6 bolt hole flange upon order placement.

UT x Flange ADAPTER			
Size	T1	T2	Weight
4	0.00	6.00	28
6	0.00	6.00	36
8	0.00	6.00	54
10	0.00	6.00	71
12	0.00	6.00	102
14	1.00	7.00	113
16	1.00	7.00	115
20	1.00	6.00	295