



# GT-80™ Coiled Tubing Technical Data

US Units

## Tolerances

<b>Outside Diameter (inch):</b>	Nominal O.D. ±0.010	
<b>Wall Thickness (inch):</b>	Up to 0.087	(-0.004, +0.010)
	0.095 to 0.116	(-0.005, +0.010)
	0.125 to 0.145	(-0.007, +0.012)
	0.156 to 0.175	(-0.008, +0.012)
	0.190 to 0.276	(-0.010, +0.012)
	0.300	(-0.012, +0.015)
	0.337	(-0.015, +0.015)

## Mechanical Properties

<b>Specified Min Yield Strength (SMYS)</b>	80,000 psi
<b>GT Max. Yield Strength</b>	95,000 psi
<b>Specified Min Tensile Strength (SMTS)</b>	88,000 psi
<b>GT Max Tensile Strength</b>	110,000 psi
<b>Max Hardness</b>	22 HRC
<b>Min. Elongation, % (2" Gage Length)</b>	Per API: Min% = 625000 * Area <sup>0.2</sup> / UTS <sup>0.9</sup>

## Chemistry

	C	Mn	P	S	Si	Cr	Ni	Cu	Mo	Al
<b>Min %</b>	-	0.600	-	-	0.100	0.400	-	-	0.100	-
<b>Max %</b>	0.150	1.200	0.020	0.005	0.500	0.800	0.200	0.400	0.300	0.050



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info@global-tubing.com

Specified Dimensions			Nominal Weight w (lb/ft)	Axial Load Capacity		Pressure Capacity		Torsional Strength		External Displacement		Internal Capacity per 1000 ft	
Outside Diameter D (in)	Wall Thickness t (in)	Inside Diameter d (in)		Yield Load Ly (lb) t <sub>nom</sub>	Tensile Load Lt (lb) t <sub>nom</sub>	Yield Pressure Y <sub>p</sub> (psi)	Hydrotest Pressure 90% Y <sub>p</sub> (psi)	Yield (ft/lb) t <sub>min</sub>	Ultimate (ft/lb) t <sub>min</sub>	Gallons	Barrels	Gallons	Barrels
0.750	0.080	0.590	0.57	13,470	14,820	16,210	14,590	190	209	22.95	0.55	14.20	0.34
0.750	0.087	0.576	0.62	14,500	15,950	17,710	15,000	202	222	22.95	0.55	13.54	0.32
0.750	0.095	0.560	0.67	15,640	17,200	19,200	15,000	212	234	22.95	0.55	12.79	0.30
0.750	0.102	0.546	0.71	16,610	18,270	20,690	15,000	223	245	22.95	0.55	12.16	0.29
0.750	0.109	0.532	0.75	17,560	19,320	22,190	15,000	232	255	22.95	0.55	11.55	0.27
1.000	0.080	0.840	0.79	18,500	20,350	12,160	10,940	365	401	40.80	0.97	28.79	0.69
1.000	0.087	0.826	0.85	19,960	21,960	13,280	11,950	390	429	40.80	0.97	27.84	0.66
1.000	0.095	0.810	0.92	21,610	23,770	14,400	12,960	414	455	40.80	0.97	26.77	0.64
1.000	0.102	0.796	0.98	23,020	25,320	15,520	13,970	437	480	40.80	0.97	25.85	0.62
1.000	0.109	0.782	1.04	24,410	26,850	16,640	14,980	458	504	40.80	0.97	24.95	0.59
1.000	0.116	0.768	1.10	25,770	28,350	17,760	15,000	479	527	40.80	0.97	24.06	0.57
1.000	0.125	0.750	1.17	27,490	30,240	18,880	15,000	498	548	40.80	0.97	22.95	0.55
1.000	0.134	0.732	1.24	29,170	32,080	20,320	15,000	522	574	40.80	0.97	21.86	0.52
1.250	0.080	1.090	1.00	23,520	25,880	9,730	8,760	597	657	63.75	1.52	48.47	1.15
1.250	0.087	1.076	1.08	25,430	27,970	10,620	9,560	641	705	63.75	1.52	47.24	1.12
1.250	0.095	1.060	1.17	27,580	30,330	11,520	10,370	684	752	63.75	1.52	45.84	1.09
1.250	0.102	1.046	1.25	29,430	32,370	12,420	11,180	724	797	63.75	1.52	44.64	1.06
1.250	0.109	1.032	1.33	31,260	34,380	13,310	11,980	763	840	63.75	1.52	43.45	1.03
1.250	0.116	1.018	1.41	33,060	36,370	14,210	12,790	801	881	63.75	1.52	42.28	1.01
1.250	0.125	1.000	1.51	35,340	38,880	15,100	13,590	837	921	63.75	1.52	40.80	0.97
1.250	0.134	0.982	1.60	37,580	41,340	16,260	14,630	881	969	63.75	1.52	39.34	0.94
1.250	0.145	0.960	1.72	40,270	44,300	17,660	15,000	932	1,025	63.75	1.52	37.60	0.90
1.250	0.156	0.938	1.83	42,890	47,180	18,940	15,000	975	1,073	63.75	1.52	35.90	0.85
1.250	0.175	0.900	2.01	47,280	52,010	21,380	15,000	1,050	1,155	63.75	1.52	33.05	0.79



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1.250	0.190	0.870	2.16	50,620	55,680	23,040	15,000	1,097	1,206	63.75	1.52	30.88	0.74
1.250	0.204	0.842	2.28	53,630	58,990	24,830	15,000	1,142	1,256	63.75	1.52	28.93	0.69
1.500	0.087	1.326	1.32	30,900	33,990	8,850	7,970	955	1,051	91.80	2.19	71.74	1.71
1.500	0.095	1.310	1.43	33,550	36,900	9,600	8,640	1,021	1,123	91.80	2.19	70.02	1.67
1.500	0.102	1.296	1.53	35,840	39,420	10,350	9,320	1,085	1,193	91.80	2.19	68.53	1.63
1.500	0.109	1.282	1.62	38,110	41,920	11,090	9,980	1,147	1,261	91.80	2.19	67.06	1.60
1.500	0.116	1.268	1.72	40,350	44,380	11,840	10,660	1,207	1,327	91.80	2.19	65.60	1.56
1.500	0.125	1.250	1.84	43,200	47,520	12,590	11,330	1,264	1,391	91.80	2.19	63.75	1.52
1.500	0.134	1.232	1.96	46,000	50,600	13,550	12,200	1,336	1,470	91.80	2.19	61.93	1.47
1.500	0.145	1.210	2.10	49,380	54,320	14,720	13,250	1,420	1,562	91.80	2.19	59.74	1.42
1.500	0.156	1.188	2.24	52,690	57,960	15,790	14,210	1,492	1,641	91.80	2.19	57.58	1.37
1.500	0.175	1.150	2.48	58,280	64,100	17,810	15,000	1,619	1,781	91.80	2.19	53.96	1.28
1.500	0.190	1.120	2.66	62,560	68,810	19,200	15,000	1,700	1,870	91.80	2.19	51.18	1.22
1.500	0.204	1.092	2.83	66,450	73,090	20,690	15,000	1,780	1,958	91.80	2.19	48.65	1.16
1.750	0.109	1.532	1.91	44,950	49,450	9,510	8,560	1,609	1,770	124.95	2.97	95.76	2.28
1.750	0.116	1.518	2.03	47,640	52,400	10,150	9,140	1,696	1,866	124.95	2.97	94.02	2.24
1.750	0.125	1.500	2.17	51,050	56,160	10,790	9,710	1,781	1,959	124.95	2.97	91.80	2.19
1.750	0.134	1.482	2.32	54,420	59,870	11,610	10,450	1,887	2,076	124.95	2.97	89.61	2.13
1.750	0.145	1.460	2.49	58,490	64,340	12,620	11,360	2,012	2,213	124.95	2.97	86.97	2.07
1.750	0.156	1.438	2.66	62,500	68,750	13,530	12,180	2,120	2,332	124.95	2.97	84.37	2.01
1.750	0.175	1.400	2.95	69,270	76,200	15,270	13,740	2,314	2,545	124.95	2.97	79.97	1.90
1.750	0.190	1.370	3.17	74,490	81,940	16,460	14,810	2,438	2,682	124.95	2.97	76.58	1.82
1.750	0.204	1.342	3.38	79,260	87,190	17,740	15,000	2,564	2,821	124.95	2.97	73.48	1.75
1.750	0.224	1.302	3.66	85,910	94,500	19,570	15,000	2,731	3,004	124.95	2.97	69.16	1.65

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22 Apr 14



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2.000	0.109	1.782	2.21	51,800	56,980	8,320	7,490	2,149	2,364	163.20	3.89	129.56	3.08
2.000	0.116	1.768	2.34	54,930	60,420	8,880	7,990	2,270	2,496	163.20	3.89	127.53	3.04
2.000	0.125	1.750	2.51	58,910	64,800	9,440	8,500	2,387	2,626	163.20	3.89	124.95	2.97
2.000	0.134	1.732	2.68	62,840	69,130	10,160	9,140	2,534	2,788	163.20	3.89	122.39	2.91
2.000	0.145	1.710	2.88	67,600	74,360	11,040	9,940	2,708	2,979	163.20	3.89	119.30	2.84
2.000	0.156	1.688	3.08	72,300	79,530	11,840	10,660	2,860	3,146	163.20	3.89	116.25	2.77
2.000	0.175	1.650	3.42	80,270	88,290	13,360	12,020	3,135	3,448	163.20	3.89	111.08	2.64
2.000	0.190	1.620	3.68	86,430	95,070	14,400	12,960	3,312	3,644	163.20	3.89	107.08	2.55
2.000	0.204	1.592	3.92	92,080	101,290	15,520	13,970	3,494	3,844	163.20	3.89	103.41	2.46
2.000	0.224	1.552	4.26	99,980	109,980	17,120	15,000	3,738	4,112	163.20	3.89	98.27	2.34
2.000	0.236	1.528	4.46	104,630	115,090	18,080	15,000	3,876	4,264	163.20	3.89	95.26	2.27
2.000	0.250	1.500	4.68	109,960	120,950	19,200	15,000	4,029	4,432	163.20	3.89	91.80	2.19
2.375	0.125	2.125	3.01	70,690	77,750	7,950	7,160	3,463	3,809	230.14	5.48	184.24	4.39
2.375	0.134	2.107	3.21	75,470	83,020	8,560	7,700	3,684	4,053	230.14	5.48	181.13	4.31
2.375	0.145	2.085	3.46	81,270	89,390	9,300	8,370	3,947	4,342	230.14	5.48	177.37	4.22
2.375	0.156	2.063	3.71	87,000	95,700	9,970	8,970	4,179	4,597	230.14	5.48	173.64	4.13
2.375	0.175	2.025	4.12	96,760	106,440	11,250	10,130	4,602	5,063	230.14	5.48	167.30	3.98
2.375	0.190	1.995	4.44	104,340	114,770	12,130	10,920	4,878	5,366	230.14	5.48	162.38	3.87
2.375	0.204	1.967	4.74	111,310	122,440	13,070	11,760	5,164	5,680	230.14	5.48	157.86	3.76
2.375	0.224	1.927	5.16	121,100	133,210	14,420	12,980	5,551	6,107	230.14	5.48	151.50	3.61
2.375	0.236	1.903	5.40	126,870	139,560	15,230	13,710	5,773	6,350	230.14	5.48	147.75	3.52
2.375	0.250	1.875	5.69	133,520	146,870	16,170	14,550	6,021	6,623	230.14	5.48	143.44	3.42
2.625	0.134	2.357	3.57	83,890	92,280	7,740	6,970	4,571	5,028	281.14	6.69	226.66	5.40
2.625	0.145	2.335	3.85	90,380	99,420	8,410	7,570	4,904	5,395	281.14	6.69	222.45	5.30

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2.625	0.156	2.313	4.12	96,800	106,480	9,020	8,120	5,199	5,719	281.14	6.69	218.28	5.20
2.625	0.175	2.275	4.59	107,760	118,530	10,180	9,160	5,738	6,312	281.14	6.69	211.16	5.03
2.625	0.190	2.245	4.95	116,280	127,900	10,970	9,870	6,092	6,701	281.14	6.69	205.63	4.90
2.625	0.204	2.217	5.29	124,130	136,540	11,820	10,640	6,460	7,106	281.14	6.69	200.53	4.77
2.625	0.224	2.177	5.76	135,170	148,690	13,040	11,740	6,962	7,658	281.14	6.69	193.36	4.60
2.625	0.236	2.153	6.04	141,700	155,870	13,780	12,400	7,250	7,975	281.14	6.69	189.12	4.50
2.625	0.250	2.125	6.36	149,230	164,150	14,630	13,170	7,575	8,332	281.14	6.69	184.24	4.39
2.625	0.276	2.073	6.94	162,940	179,240	16,210	14,590	8,145	8,959	281.14	6.69	175.33	4.17
2.625	0.300	2.025	7.47	175,300	192,830	17,550	15,000	8,595	9,454	281.14	6.69	167.30	3.98
2.875	0.156	2.563	4.54	106,600	117,260	8,240	7,420	6,330	6,963	337.24	8.03	268.01	6.38
2.875	0.175	2.525	5.06	118,750	130,630	9,290	8,360	7,000	7,700	337.24	8.03	260.12	6.19
2.875	0.190	2.495	5.46	128,210	141,040	10,020	9,020	7,442	8,186	337.24	8.03	253.98	6.05
2.875	0.204	2.467	5.83	136,940	150,640	10,800	9,720	7,903	8,693	337.24	8.03	248.31	5.91
2.875	0.224	2.427	6.36	149,240	164,170	11,910	10,720	8,534	9,388	337.24	8.03	240.32	5.72
2.875	0.236	2.403	6.67	156,530	172,180	12,580	11,320	8,898	9,788	337.24	8.03	235.60	5.61
2.875	0.250	2.375	7.03	164,930	181,430	13,360	12,020	9,310	10,241	337.24	8.03	230.14	5.48
2.875	0.276	2.323	7.68	180,280	198,310	14,800	13,320	10,037	11,041	337.24	8.03	220.17	5.24
2.875	0.300	2.275	8.27	194,150	213,570	16,030	14,430	10,616	11,677	337.24	8.03	211.16	5.03
3.250	0.156	2.938	5.17	121,310	133,440	7,290	6,560	8,236	9,060	430.95	10.26	352.18	8.39
3.250	0.175	2.900	5.76	135,250	148,770	8,220	7,400	9,130	10,043	430.95	10.26	343.13	8.17
3.250	0.190	2.870	6.22	146,120	160,730	8,860	7,970	9,722	10,694	430.95	10.26	336.06	8.00
3.250	0.204	2.842	6.65	156,170	171,790	9,550	8,600	10,341	11,375	430.95	10.26	329.54	7.85
3.250	0.224	2.802	7.26	170,360	187,390	10,540	9,490	11,195	12,315	430.95	10.26	320.33	7.63
3.250	0.236	2.778	7.62	178,770	196,650	11,130	10,020	11,691	12,860	430.95	10.26	314.86	7.50

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3.250	0.250	2.750	8.03	188,500	207,350	11,820	10,640	12,253	13,478	430.95	10.26	308.55	7.35
3.250	0.276	2.698	8.79	206,300	226,930	13,100	11,790	13,252	14,577	430.95	10.26	296.99	7.07
3.250	0.300	2.650	9.47	222,430	244,670	14,180	12,760	14,054	15,459	430.95	10.26	286.52	6.82
3.500	0.175	3.150	6.23	146,240	160,870	7,630	6,870	10,708	11,778	499.80	11.90	404.84	9.64
3.500	0.190	3.120	6.73	158,060	173,870	8,230	7,410	11,411	12,553	499.80	11.90	397.16	9.46
3.500	0.204	3.092	7.20	168,990	185,890	8,870	7,980	12,150	13,365	499.80	11.90	390.07	9.29
3.500	0.224	3.052	7.86	184,430	202,870	9,780	8,800	13,171	14,489	499.80	11.90	380.04	9.05
3.500	0.236	3.028	8.25	193,600	212,960	10,330	9,300	13,765	15,142	499.80	11.90	374.09	8.91
3.500	0.250	3.000	8.70	204,200	224,620	10,970	9,870	14,441	15,885	499.80	11.90	367.20	8.74
3.500	0.276	2.948	9.53	223,640	246,000	12,160	10,940	15,646	17,211	499.80	11.90	354.58	8.44
3.500	0.300	2.900	10.28	241,270	265,400	13,170	11,850	16,618	18,280	499.80	11.90	343.13	8.17
4.500	0.224	4.052	10.25	240,730	264,800	7,610	6,850	22,693	24,962	826.20	19.67	669.88	15.95
4.500	0.236	4.028	10.77	252,910	278,200	8,040	7,240	23,772	26,149	826.20	19.67	661.97	15.76
4.500	0.250	4.000	11.38	267,040	293,740	8,530	7,680	25,006	27,507	826.20	19.67	652.80	15.54
4.500	0.276	3.948	12.48	293,000	322,300	9,460	8,510	27,232	29,955	826.20	19.67	635.94	15.14
4.500	0.300	3.900	13.49	316,670	348,340	10,240	9,220	29,048	31,953	826.20	19.67	620.57	14.78
4.500	0.337	3.826	15.02	352,600	387,860	11,450	10,310	31,737	34,911	826.20	19.67	597.24	14.22
5.000	0.276	4.448	13.96	327,690	360,460	8,510	7,660	34,231	37,654	1,020.00	24.29	807.21	19.22
5.000	0.300	4.400	15.10	354,370	389,810	9,220	8,300	36,568	40,225	1,020.00	24.29	789.89	18.81
5.000	0.337	4.326	16.82	394,940	434,440	10,300	9,270	40,047	44,051	1,020.00	24.29	763.54	18.18



# GT-90™ Coiled Tubing Technical Data

US Units

## Tolerances

<b>Outside Diameter (inch):</b>	Nominal O.D. ±0.010	
<b>Wall Thickness (inch):</b>	Up to 0.087	(-0.004, +0.010)
	0.095 to 0.116	(-0.005, +0.010)
	0.125 to 0.145	(-0.007, +0.012)
	0.156 to 0.175	(-0.008, +0.012)
	0.190 to 0.276	(-0.010, +0.012)
	0.300	(-0.012, +0.015)
	0.337	(-0.015, +0.015)

## Mechanical Properties

<b>Specified Min Yield Strength (SMYS)</b>	90,000 psi
<b>GT Max. Yield Strength</b>	105,000 psi
<b>Specified Min Tensile Strength (SMTS)</b>	97,000 psi
<b>GT Max Tensile Strength</b>	120,000 psi
<b>Max Hardness</b>	22 HRC
<b>Min. Elongation, % (2" Gage Length)</b>	Per API: Min% = 625000 * Area <sup>0.2</sup> / UTS <sup>0.9</sup>

## Chemistry

	C	Mn	P	S	Si	Cr	Ni	Cu	Mo	Al
<b>Min %</b>	0.050	0.600	-	-	0.100	0.250	-	-	0.100	-
<b>Max %</b>	0.160	1.200	0.025	0.005	0.500	0.800	0.250	0.400	0.300	0.050



# GT-90™ US Units

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Specified Dimensions			Nominal Weight w (lb/ft)	Axial Load Capacity		Pressure Capacity		Torsional Strength		External Displacement		Internal Capacity per 1000 ft	
Outside Diameter D (in)	Wall Thickness t (in)	Inside Diameter d (in)		Yield Load Ly (lb) t <sub>nom</sub>	Tensile Load Lt (lb) t <sub>nom</sub>	Yield Pressure Y <sub>p</sub> (psi)	Hydrotest Pressure 90% Y <sub>p</sub> (psi)	Yield (ft/lb) t <sub>min</sub>	Ultimate (ft/lb) t <sub>min</sub>	Gallons	Barrels	Gallons	Barrels
0.750	0.080	0.590	0.57	15,160	16,330	18,240	15,000	214	230	22.95	0.55	14.20	0.34
0.750	0.087	0.576	0.62	16,310	17,580	19,920	15,000	227	244	22.95	0.55	13.54	0.32
0.750	0.095	0.560	0.67	17,590	18,960	21,600	15,000	239	258	22.95	0.55	12.79	0.30
0.750	0.102	0.546	0.71	18,690	20,140	23,280	15,000	250	270	22.95	0.55	12.16	0.29
0.750	0.109	0.532	0.75	19,760	21,290	24,960	15,000	261	281	22.95	0.55	11.55	0.27
1.000	0.080	0.840	0.79	20,810	22,430	13,680	12,310	411	442	40.80	0.97	28.79	0.69
1.000	0.087	0.826	0.85	22,460	24,210	14,940	13,450	439	473	40.80	0.97	27.84	0.66
1.000	0.095	0.810	0.92	24,310	26,200	16,200	14,580	466	502	40.80	0.97	26.77	0.64
1.000	0.102	0.796	0.98	25,900	27,910	17,460	15,000	491	530	40.80	0.97	25.85	0.62
1.000	0.109	0.782	1.04	27,460	29,600	18,720	15,000	516	556	40.80	0.97	24.95	0.59
1.000	0.116	0.768	1.10	28,990	31,250	19,980	15,000	539	581	40.80	0.97	24.06	0.57
1.000	0.125	0.750	1.17	30,930	33,330	21,240	15,000	561	604	40.80	0.97	22.95	0.55
1.000	0.134	0.732	1.24	32,810	35,360	22,860	15,000	587	633	40.80	0.97	21.86	0.52
1.250	0.080	1.090	1.00	26,460	28,520	10,940	9,850	672	724	63.75	1.52	48.47	1.15
1.250	0.087	1.076	1.08	28,610	30,830	11,950	10,760	721	778	63.75	1.52	47.24	1.12
1.250	0.095	1.060	1.17	31,020	33,440	12,960	11,660	769	829	63.75	1.52	45.84	1.09
1.250	0.102	1.046	1.25	33,110	35,680	13,970	12,570	815	878	63.75	1.52	44.64	1.06
1.250	0.109	1.032	1.33	35,160	37,900	14,980	13,480	859	925	63.75	1.52	43.45	1.03
1.250	0.116	1.018	1.41	37,190	40,090	15,980	14,380	901	971	63.75	1.52	42.28	1.01
1.250	0.125	1.000	1.51	39,760	42,850	16,990	15,000	941	1,015	63.75	1.52	40.80	0.97
1.250	0.134	0.982	1.60	42,280	45,570	18,290	15,000	991	1,068	63.75	1.52	39.34	0.94
1.250	0.145	0.960	1.72	45,300	48,830	19,870	15,000	1,048	1,130	63.75	1.52	37.60	0.90
1.250	0.156	0.938	1.83	48,250	52,010	21,310	15,000	1,097	1,182	63.75	1.52	35.90	0.85
1.250	0.175	0.900	2.01	53,190	57,330	24,050	15,000	1,182	1,274	63.75	1.52	33.05	0.79





# GT-90™ US Units

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Outside Diameter D (in)	Wall Thickness t (in)	Inside Diameter d (in)		Yield Load Ly (lb) t <sub>nom</sub>	Tensile Load Lt (lb) t <sub>nom</sub>	Yield Pressure Y <sub>p</sub> (psi)	Hydrotest Pressure 90% Y <sub>p</sub> (psi)	Yield (ft/lb) t <sub>min</sub>	Ultimate (ft/lb) t <sub>min</sub>	Gallons	Barrels	Gallons	Barrels
1.250	0.190	0.870	2.16	56,940	61,370	25,920	15,000	1,234	1,330	63.75	1.52	30.88	0.74
1.250	0.204	0.842	2.28	60,330	65,030	27,940	15,000	1,285	1,385	63.75	1.52	28.93	0.69
1.500	0.087	1.326	1.32	34,760	37,460	9,960	8,960	1,074	1,158	91.80	2.19	71.74	1.71
1.500	0.095	1.310	1.43	37,740	40,670	10,800	9,720	1,149	1,238	91.80	2.19	70.02	1.67
1.500	0.102	1.296	1.53	40,320	43,450	11,640	10,480	1,220	1,315	91.80	2.19	68.53	1.63
1.500	0.109	1.282	1.62	42,870	46,200	12,480	11,230	1,290	1,390	91.80	2.19	67.06	1.60
1.500	0.116	1.268	1.72	45,390	48,920	13,320	11,990	1,357	1,463	91.80	2.19	65.60	1.56
1.500	0.125	1.250	1.84	48,600	52,380	14,160	12,740	1,423	1,533	91.80	2.19	63.75	1.52
1.500	0.134	1.232	1.96	51,750	55,780	15,240	13,720	1,503	1,620	91.80	2.19	61.93	1.47
1.500	0.145	1.210	2.10	55,550	59,870	16,560	14,900	1,597	1,721	91.80	2.19	59.74	1.42
1.500	0.156	1.188	2.24	59,280	63,890	17,760	15,000	1,678	1,809	91.80	2.19	57.58	1.37
1.500	0.175	1.150	2.48	65,560	70,660	20,040	15,000	1,822	1,963	91.80	2.19	53.96	1.28
1.500	0.190	1.120	2.66	70,370	75,850	21,600	15,000	1,912	2,061	91.80	2.19	51.18	1.22
1.500	0.204	1.092	2.83	74,750	80,570	23,280	15,000	2,003	2,158	91.80	2.19	48.65	1.16
1.750	0.109	1.532	1.91	50,570	54,510	10,700	9,630	1,810	1,950	124.95	2.97	95.76	2.28
1.750	0.116	1.518	2.03	53,590	57,760	11,420	10,280	1,908	2,057	124.95	2.97	94.02	2.24
1.750	0.125	1.500	2.17	57,430	61,900	12,140	10,930	2,004	2,160	124.95	2.97	91.80	2.19
1.750	0.134	1.482	2.32	61,230	65,990	13,060	11,750	2,123	2,288	124.95	2.97	89.61	2.13
1.750	0.145	1.460	2.49	65,800	70,920	14,190	12,770	2,263	2,439	124.95	2.97	86.97	2.07
1.750	0.156	1.438	2.66	70,310	75,780	15,220	13,700	2,385	2,571	124.95	2.97	84.37	2.01
1.750	0.175	1.400	2.95	77,930	83,990	17,180	15,000	2,603	2,806	124.95	2.97	79.97	1.90
1.750	0.190	1.370	3.17	83,810	90,320	18,510	15,000	2,743	2,956	124.95	2.97	76.58	1.82
1.750	0.204	1.342	3.38	89,170	96,110	19,950	15,000	2,885	3,109	124.95	2.97	73.48	1.75
1.750	0.224	1.302	3.66	96,650	104,170	22,010	15,000	3,073	3,312	124.95	2.97	69.16	1.65



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Outside Diameter D (in)	Wall Thickness t (in)	Inside Diameter d (in)	Nominal Weight w (lb/ft)	Yield Load Ly (lb) t <sub>nom</sub>	Tensile Load Lt (lb) t <sub>nom</sub>	Yield Pressure Y <sub>p</sub> (psi)	Hydrotest Pressure 90% Y <sub>p</sub> (psi)	Yield (ft/lb) t <sub>min</sub>	Ultimate (ft/lb) t <sub>min</sub>	Gallons	Barrels	Gallons	Barrels
2.000	0.109	1.782	2.21	58,280	62,810	9,360	8,420	2,418	2,606	163.20	3.89	129.56	3.08
2.000	0.116	1.768	2.34	61,790	66,600	9,990	8,990	2,553	2,752	163.20	3.89	127.53	3.04
2.000	0.125	1.750	2.51	66,270	71,420	10,620	9,560	2,685	2,894	163.20	3.89	124.95	2.97
2.000	0.134	1.732	2.68	70,700	76,200	11,430	10,290	2,851	3,073	163.20	3.89	122.39	2.91
2.000	0.145	1.710	2.88	76,050	81,970	12,420	11,180	3,046	3,283	163.20	3.89	119.30	2.84
2.000	0.156	1.688	3.08	81,340	87,660	13,320	11,990	3,218	3,468	163.20	3.89	116.25	2.77
2.000	0.175	1.650	3.42	90,300	97,320	15,030	13,530	3,527	3,801	163.20	3.89	111.08	2.64
2.000	0.190	1.620	3.68	97,240	104,800	16,200	14,580	3,726	4,016	163.20	3.89	107.08	2.55
2.000	0.204	1.592	3.92	103,590	111,650	17,460	15,000	3,931	4,237	163.20	3.89	103.41	2.46
2.000	0.224	1.552	4.26	112,480	121,230	19,260	15,000	4,206	4,533	163.20	3.89	98.27	2.34
2.000	0.236	1.528	4.46	117,710	126,860	20,340	15,000	4,360	4,700	163.20	3.89	95.26	2.27
2.000	0.250	1.500	4.68	123,700	133,320	21,600	15,000	4,532	4,885	163.20	3.89	91.80	2.19
2.375	0.125	2.125	3.01	79,520	85,710	8,940	8,050	3,896	4,199	230.14	5.48	184.24	4.39
2.375	0.134	2.107	3.21	84,910	91,510	9,630	8,670	4,145	4,467	230.14	5.48	181.13	4.31
2.375	0.145	2.085	3.46	91,430	98,540	10,460	9,410	4,441	4,786	230.14	5.48	177.37	4.22
2.375	0.156	2.063	3.71	97,880	105,490	11,220	10,100	4,702	5,068	230.14	5.48	173.64	4.13
2.375	0.175	2.025	4.12	108,860	117,320	12,660	11,390	5,178	5,580	230.14	5.48	167.30	3.98
2.375	0.190	1.995	4.44	117,380	126,510	13,640	12,280	5,488	5,915	230.14	5.48	162.38	3.87
2.375	0.204	1.967	4.74	125,220	134,960	14,700	13,230	5,809	6,261	230.14	5.48	157.86	3.76
2.375	0.224	1.927	5.16	136,230	146,830	16,220	14,600	6,245	6,731	230.14	5.48	151.50	3.61
2.375	0.236	1.903	5.40	142,730	153,830	17,130	15,000	6,494	6,999	230.14	5.48	147.75	3.52
2.375	0.250	1.875	5.69	150,210	161,890	18,190	15,000	6,773	7,300	230.14	5.48	143.44	3.42
2.375	0.276	1.823	6.20	163,800	176,540	20,160	15,000	7,259	7,824	230.14	5.48	135.59	3.23
2.375	0.300	1.775	6.66	176,010	189,700	21,830	15,000	7,640	8,234	230.14	5.48	128.55	3.06



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Outside Diameter D (in)	Wall Thickness t (in)	Inside Diameter d (in)		Yield Load Ly (lb) t <sub>nom</sub>	Tensile Load Lt (lb) t <sub>nom</sub>	Yield Pressure Y <sub>0</sub> (psi)	Hydrotest Pressure 90% Y <sub>0</sub> (psi)	Yield (ft/lb) t <sub>min</sub>	Ultimate (ft/lb) t <sub>min</sub>	Gallons	Barrels	Gallons	Barrels
2.375	0.337	1.701	7.35	194,190	209,290	24,400	15,000	8,175	8,811	230.14	5.48	118.05	2.81
2.625	0.134	2.357	3.57	94,380	101,720	8,710	7,840	5,142	5,542	281.14	6.69	226.66	5.40
2.625	0.145	2.335	3.85	101,670	109,580	9,460	8,510	5,517	5,946	281.14	6.69	222.45	5.30
2.625	0.156	2.313	4.12	108,900	117,370	10,150	9,140	5,849	6,304	281.14	6.69	218.28	5.20
2.625	0.175	2.275	4.59	121,230	130,660	11,450	10,310	6,456	6,958	281.14	6.69	211.16	5.03
2.625	0.190	2.245	4.95	130,810	140,990	12,340	11,110	6,854	7,387	281.14	6.69	205.63	4.90
2.625	0.204	2.217	5.29	139,640	150,500	13,300	11,970	7,267	7,833	281.14	6.69	200.53	4.77
2.625	0.236	2.153	6.04	159,410	171,810	15,500	13,950	8,157	8,791	281.14	6.69	189.12	4.50
2.625	0.224	2.177	5.76	152,070	163,890	14,670	13,200	7,832	8,441	281.14	6.69	193.36	4.60
2.625	0.250	2.125	6.36	167,880	180,940	16,460	14,810	8,522	9,184	281.14	6.69	184.24	4.39
2.625	0.276	2.073	6.94	183,310	197,570	18,240	15,000	9,163	9,875	281.14	6.69	175.33	4.17
2.625	0.300	2.025	7.47	197,210	212,550	19,750	15,000	9,669	10,421	281.14	6.69	167.30	3.98
2.625	0.337	1.951	8.25	218,010	234,970	22,080	15,000	10,390	11,198	281.14	6.69	155.30	3.70
2.875	0.156	2.563	4.54	119,930	129,260	9,270	8,340	7,121	7,675	337.24	8.03	268.01	6.38
2.875	0.175	2.525	5.06	133,600	143,990	10,460	9,410	7,875	8,488	337.24	8.03	260.12	6.19
2.875	0.190	2.495	5.46	144,240	155,460	11,270	10,140	8,372	9,023	337.24	8.03	253.98	6.05
2.875	0.204	2.467	5.83	154,060	166,050	12,150	10,940	8,890	9,582	337.24	8.03	248.31	5.91
2.875	0.224	2.427	6.36	167,900	180,960	13,400	12,060	9,601	10,348	337.24	8.03	240.32	5.72
2.875	0.236	2.403	6.67	176,090	189,790	14,150	12,740	10,011	10,789	337.24	8.03	235.60	5.61
2.875	0.250	2.375	7.03	185,550	199,980	15,030	13,530	10,474	11,288	337.24	8.03	230.14	5.48
2.875	0.276	2.323	7.68	202,820	218,590	16,650	14,990	11,292	12,170	337.24	8.03	220.17	5.24
2.875	0.300	2.275	8.27	218,420	235,410	18,030	15,000	11,942	12,871	337.24	8.03	211.16	5.03
2.875	0.337	2.201	9.16	241,830	260,640	20,160	15,000	12,877	13,879	337.24	8.03	197.65	4.71
3.250	0.156	2.938	5.17	136,470	147,080	8,200	7,380	9,266	9,987	430.95	10.26	352.18	8.39



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3.250	0.175	2.900	5.76	152,150	163,990	9,250	8,330	10,271	11,070	430.95	10.26	343.13	8.17
3.250	0.190	2.870	6.22	164,390	177,170	9,970	8,970	10,937	11,788	430.95	10.26	336.06	8.00
3.250	0.204	2.842	6.65	175,690	189,360	10,740	9,670	11,634	12,539	430.95	10.26	329.54	7.85
3.250	0.224	2.802	7.26	191,650	206,560	11,850	10,670	12,595	13,574	430.95	10.26	320.33	7.63
3.250	0.236	2.778	7.62	201,120	216,760	12,520	11,270	13,152	14,175	430.95	10.26	314.86	7.50
3.250	0.250	2.750	8.03	212,060	228,550	13,290	11,960	13,784	14,856	430.95	10.26	308.55	7.35
3.250	0.276	2.698	8.79	232,080	250,130	14,730	13,260	14,908	16,068	430.95	10.26	296.99	7.07
3.250	0.300	2.650	9.47	250,230	269,690	15,950	14,360	15,811	17,040	430.95	10.26	286.52	6.82
3.250	0.337	2.576	10.51	277,560	299,150	17,830	15,000	17,120	18,452	430.95	10.26	270.74	6.45
3.500	0.175	3.150	6.23	164,520	177,320	8,590	7,730	12,046	12,983	499.80	11.90	404.84	9.64
3.500	0.190	3.120	6.73	177,820	191,650	9,260	8,330	12,838	13,836	499.80	11.90	397.16	9.46
3.500	0.204	3.092	7.20	190,110	204,900	9,980	8,980	13,669	14,732	499.80	11.90	390.07	9.29
3.500	0.224	3.052	7.86	207,480	223,620	11,010	9,910	14,818	15,970	499.80	11.90	380.04	9.05
3.500	0.236	3.028	8.25	217,800	234,740	11,620	10,460	15,486	16,691	499.80	11.90	374.09	8.91
3.500	0.250	3.000	8.70	229,730	247,600	12,340	11,110	16,246	17,509	499.80	11.90	367.20	8.74
3.500	0.276	2.948	9.53	251,590	271,160	13,680	12,310	17,602	18,971	499.80	11.90	354.58	8.44
3.500	0.300	2.900	10.28	271,430	292,550	14,810	13,330	18,695	20,149	499.80	11.90	343.13	8.17
3.500	0.337	2.826	11.41	301,390	324,830	16,560	14,900	20,290	21,868	499.80	11.90	325.84	7.76
4.500	0.224	4.052	10.25	270,820	291,880	8,560	7,700	25,529	27,515	826.20	19.67	669.88	15.95
4.500	0.236	4.028	10.77	284,530	306,660	9,040	8,140	26,743	28,823	826.20	19.67	661.97	15.76
4.500	0.250	4.000	11.38	300,420	323,780	9,600	8,640	28,132	30,320	826.20	19.67	652.80	15.54
4.500	0.276	3.948	12.48	329,630	355,270	10,640	9,580	30,636	33,019	826.20	19.67	635.94	15.14
4.500	0.300	3.900	13.49	356,260	383,970	11,520	10,370	32,679	35,221	826.20	19.67	620.57	14.78



# GT-90™ US Units

501 County Rd 493  
Dayton, TX 77535  
+1.713.265.5000  
info@global-tubing.com

Specified Dimensions			Nominal Weight w (lb/ft)	Axial Load Capacity		Pressure Capacity		Torsional Strength		External Displacement		Internal Capacity per 1000 ft	
Outside Diameter D (in)	Wall Thickness t (in)	Inside Diameter d (in)		Yield Load Ly (lb) t <sub>nom</sub>	Tensile Load Lt (lb) t <sub>nom</sub>	Yield Pressure Y <sub>p</sub> (psi)	Hydrotest Pressure 90% Y <sub>p</sub> (psi)	Yield (ft/lb) t <sub>min</sub>	Ultimate (ft/lb) t <sub>min</sub>	Gallons	Barrels	Gallons	Barrels
4.500	0.337	3.826	15.02	396,670	427,520	12,880	11,590	35,704	38,481	826.20	19.67	597.24	14.22
5.000	0.276	4.448	13.96	368,650	397,320	9,580	8,620	38,509	41,505	1,020.00	24.29	807.21	19.22
5.000	0.300	4.400	15.10	398,670	429,680	10,370	9,330	41,139	44,339	1,020.00	24.29	789.89	18.81
5.000	0.337	4.326	16.82	444,310	478,870	11,590	10,430	45,053	48,557	1,020.00	24.29	763.54	18.18



# GT-100™ Coiled Tubing Technical Data

US Units

## Tolerances

<b>Outside Diameter (inch):</b>	Nominal O.D. ±0.010	
<b>Wall Thickness (inch):</b>	Up to 0.087	(-0.004, +0.010)
	0.095 to 0.116	(-0.005, +0.010)
	0.125 to 0.145	(-0.007, +0.012)
	0.156 to 0.175	(-0.008, +0.012)
	0.190 to 0.276	(-0.010, +0.012)
	0.300	(-0.012, +0.015)
	0.337	(-0.015, +0.015)

## Mechanical Properties

<b>Specified Min Yield Strength (SMYS)</b>	100,000 psi
<b>GT Max. Yield Strength</b>	115,000 psi
<b>Specified Min Tensile Strength (SMTS)</b>	108,000 psi
<b>Max Hardness</b>	28 HRC
<b>Min. Elongation, % (2" Gage Length)</b>	Per API: $\text{Min}\% = 625000 * \text{Area}^{0.2} / \text{UTS}^{0.9}$

## Chemistry

	C	Mn	P	S	Si	Cr	Ni	Cu	Mo	Al
<b>Min %</b>	0.050	0.700	-	-	0.100	0.250	-	-	-	-
<b>Max %</b>	0.150	1.700	0.025	0.006	0.500	1.000	0.250	0.400	0.300	0.050



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Outside Diameter D (in)	Wall Thickness t (in)	Inside Diameter d (in)		Yield Load Ly (lb) t <sub>nom</sub>	Tensile Load Lt (lb) t <sub>nom</sub>	Yield Pressure Y <sub>p</sub> (psi)	Hydrotest Pressure 90% Y <sub>p</sub> (psi)	Yield (ft/lb) t <sub>min</sub>	Ultimate (ft/lb) t <sub>min</sub>	Gallons	Barrels	Gallons	Barrels
0.750	0.080	0.590	0.57	16,840	18,190	20,270	15,000	237	256	22.95	0.55	14.20	0.34
0.750	0.087	0.576	0.62	18,120	19,570	22,130	15,000	252	272	22.95	0.55	13.54	0.32
0.750	0.095	0.560	0.67	19,550	21,110	24,000	15,000	266	287	22.95	0.55	12.79	0.30
0.750	0.102	0.546	0.71	20,760	22,430	25,870	15,000	278	300	22.95	0.55	12.16	0.29
0.750	0.109	0.532	0.75	21,950	23,710	27,730	15,000	290	313	22.95	0.55	11.55	0.27
1.000	0.080	0.840	0.79	23,120	24,970	15,200	13,680	456	493	40.80	0.97	28.79	0.69
1.000	0.087	0.826	0.85	24,950	26,950	16,600	14,940	488	527	40.80	0.97	27.84	0.66
1.000	0.095	0.810	0.92	27,010	29,170	18,000	15,000	518	559	40.80	0.97	26.77	0.64
1.000	0.102	0.796	0.98	28,780	31,080	19,400	15,000	546	590	40.80	0.97	25.85	0.62
1.000	0.109	0.782	1.04	30,510	32,950	20,800	15,000	573	619	40.80	0.97	24.95	0.59
1.000	0.116	0.768	1.10	32,220	34,790	22,200	15,000	599	646	40.80	0.97	24.06	0.57
1.000	0.125	0.750	1.17	34,360	37,110	23,600	15,000	623	673	40.80	0.97	22.95	0.55
1.000	0.134	0.732	1.24	36,460	39,370	25,400	15,000	652	704	40.80	0.97	21.86	0.52
1.250	0.080	1.090	1.00	29,410	31,760	12,160	10,940	747	806	63.75	1.52	48.47	1.15
1.250	0.087	1.076	1.08	31,790	34,330	13,280	11,950	802	866	63.75	1.52	47.24	1.12
1.250	0.095	1.060	1.17	34,470	37,230	14,400	12,960	854	923	63.75	1.52	45.84	1.09
1.250	0.102	1.046	1.25	36,790	39,730	15,520	13,970	905	978	63.75	1.52	44.64	1.06
1.250	0.109	1.032	1.33	39,070	42,200	16,640	14,980	954	1,030	63.75	1.52	43.45	1.03
1.250	0.116	1.018	1.41	41,330	44,630	17,760	15,000	1,001	1,081	63.75	1.52	42.28	1.01
1.250	0.125	1.000	1.51	44,180	47,710	18,880	15,000	1,046	1,130	63.75	1.52	40.80	0.97
1.250	0.134	0.982	1.60	46,980	50,740	20,320	15,000	1,101	1,189	63.75	1.52	39.34	0.94
1.250	0.145	0.960	1.72	50,340	54,360	22,080	15,000	1,165	1,258	63.75	1.52	37.60	0.90
1.250	0.156	0.938	1.83	53,620	57,910	23,680	15,000	1,219	1,317	63.75	1.52	35.90	0.85



# GT-100™ US Units

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Specified Dimensions			Nominal Weight w (lb/ft)	Axial Load Capacity		Pressure Capacity		Torsional Strength		External Displacement		Internal Capacity per 1000 ft	
Outside Diameter D (in)	Wall Thickness t (in)	Inside Diameter d (in)		Yield Load Ly (lb) t <sub>nom</sub>	Tensile Load Lt (lb) t <sub>nom</sub>	Yield Pressure Y <sub>p</sub> (psi)	Hydrotest Pressure 90% Y <sub>p</sub> (psi)	Yield (ft/lb) t <sub>min</sub>	Ultimate (ft/lb) t <sub>min</sub>	Gallons	Barrels	Gallons	Barrels
1.250	0.175	0.900	2.01	59,100	63,830	26,720	15,000	1,313	1,418	63.75	1.52	33.05	0.79
1.250	0.190	0.870	2.16	63,270	68,330	28,800	15,000	1,371	1,481	63.75	1.52	30.88	0.74
1.250	0.204	0.842	2.28	67,040	72,400	31,040	15,000	1,428	1,542	63.75	1.52	28.93	0.69
1.500	0.087	1.326	1.32	38,620	41,710	11,070	9,960	1,194	1,289	91.80	2.19	71.74	1.71
1.500	0.095	1.310	1.43	41,930	45,290	12,000	10,800	1,276	1,378	91.80	2.19	70.02	1.67
1.500	0.102	1.296	1.53	44,800	48,380	12,930	11,640	1,356	1,465	91.80	2.19	68.53	1.63
1.500	0.109	1.282	1.62	47,630	51,440	13,870	12,480	1,433	1,548	91.80	2.19	67.06	1.60
1.500	0.116	1.268	1.72	50,440	54,470	14,800	13,320	1,508	1,629	91.80	2.19	65.60	1.56
1.500	0.125	1.250	1.84	54,000	58,320	15,730	14,160	1,581	1,707	91.80	2.19	63.75	1.52
1.500	0.134	1.232	1.96	57,510	62,110	16,930	15,000	1,670	1,804	91.80	2.19	61.93	1.47
1.500	0.145	1.210	2.10	61,720	66,660	18,400	15,000	1,775	1,917	91.80	2.19	59.74	1.42
1.500	0.156	1.188	2.24	65,870	71,140	19,730	15,000	1,865	2,014	91.80	2.19	57.58	1.37
1.500	0.175	1.150	2.48	72,850	78,670	22,270	15,000	2,024	2,186	91.80	2.19	53.96	1.28
1.500	0.190	1.120	2.66	78,190	84,450	24,000	15,000	2,125	2,294	91.80	2.19	51.18	1.22
1.500	0.204	1.092	2.83	83,060	89,700	25,870	15,000	2,225	2,403	91.80	2.19	48.65	1.16
1.750	0.109	1.532	1.91	56,190	60,690	11,890	10,700	2,011	2,172	124.95	2.97	95.76	2.28
1.750	0.116	1.518	2.03	59,550	64,310	12,690	11,420	2,120	2,290	124.95	2.97	94.02	2.24
1.750	0.125	1.500	2.17	63,810	68,920	13,490	12,140	2,227	2,405	124.95	2.97	91.80	2.19
1.750	0.134	1.482	2.32	68,030	73,470	14,510	13,060	2,359	2,548	124.95	2.97	89.61	2.13
1.750	0.145	1.460	2.49	73,110	78,960	15,770	14,190	2,515	2,716	124.95	2.97	86.97	2.07
1.750	0.156	1.438	2.66	78,120	84,370	16,910	15,000	2,650	2,862	124.95	2.97	84.37	2.01
1.750	0.175	1.400	2.95	86,590	93,520	19,090	15,000	2,893	3,124	124.95	2.97	79.97	1.90
1.750	0.190	1.370	3.17	93,120	100,570	20,570	15,000	3,048	3,291	124.95	2.97	76.58	1.82





# GT-100™ US Units

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Specified Dimensions			Nominal Weight w (lb/ft)	Axial Load Capacity		Pressure Capacity		Torsional Strength		External Displacement		Internal Capacity per 1000 ft	
Outside Diameter D (in)	Wall Thickness t (in)	Inside Diameter d (in)		Yield Load Ly (lb) t <sub>nom</sub>	Tensile Load Lt (lb) t <sub>nom</sub>	Yield Pressure Y <sub>p</sub> (psi)	Hydrotest Pressure 90% Y <sub>p</sub> (psi)	Yield (ft/lb) t <sub>min</sub>	Ultimate (ft/lb) t <sub>min</sub>	Gallons	Barrels	Gallons	Barrels
1.750	0.204	1.342	3.38	99,080	107,010	22,170	15,000	3,205	3,462	124.95	2.97	73.48	1.75
2.000	0.109	1.782	2.21	64,750	69,930	10,400	9,360	2,686	2,901	163.20	3.89	129.56	3.08
2.000	0.116	1.768	2.34	68,660	74,150	11,100	9,990	2,837	3,064	163.20	3.89	127.53	3.04
2.000	0.125	1.750	2.51	73,630	79,520	11,800	10,620	2,984	3,223	163.20	3.89	124.95	2.97
2.000	0.134	1.732	2.68	78,550	84,840	12,700	11,430	3,168	3,421	163.20	3.89	122.39	2.91
2.000	0.145	1.710	2.88	84,500	91,260	13,800	12,420	3,385	3,656	163.20	3.89	119.30	2.84
2.000	0.156	1.688	3.08	90,370	97,600	14,800	13,320	3,575	3,861	163.20	3.89	116.25	2.77
2.000	0.175	1.650	3.42	100,330	108,360	16,700	15,000	3,919	4,232	163.20	3.89	111.08	2.64
2.000	0.190	1.620	3.68	108,040	116,680	18,000	15,000	4,140	4,472	163.20	3.89	107.08	2.55
2.000	0.204	1.592	3.92	115,100	124,310	19,400	15,000	4,368	4,717	163.20	3.89	103.41	2.46
2.000	0.224	1.552	4.26	124,980	134,980	21,400	15,000	4,673	5,047	163.20	3.89	98.27	2.34
2.000	0.236	1.528	4.46	130,790	141,250	22,600	15,000	4,845	5,233	163.20	3.89	95.26	2.27
2.000	0.250	1.500	4.68	137,450	148,440	24,000	15,000	5,036	5,439	163.20	3.89	91.80	2.19
2.375	0.125	2.125	3.01	88,360	95,430	9,940	8,950	4,329	4,675	230.14	5.48	184.24	4.39
2.375	0.134	2.107	3.21	94,340	101,890	10,690	9,620	4,605	4,974	230.14	5.48	181.13	4.31
2.375	0.145	2.085	3.46	101,580	109,710	11,620	10,460	4,934	5,329	230.14	5.48	177.37	4.22
2.375	0.156	2.063	3.71	108,750	117,450	12,460	11,210	5,224	5,642	230.14	5.48	173.64	4.13
2.375	0.175	2.025	4.12	120,950	130,630	14,060	12,650	5,753	6,213	230.14	5.48	167.30	3.98
2.375	0.190	1.995	4.44	130,420	140,860	15,160	13,640	6,098	6,586	230.14	5.48	162.38	3.87
2.375	0.204	1.967	4.74	139,140	150,270	16,340	14,710	6,455	6,971	230.14	5.48	157.86	3.76
2.375	0.224	1.927	5.16	151,370	163,480	18,020	15,000	6,939	7,494	230.14	5.48	151.50	3.61
2.375	0.236	1.903	5.40	158,590	171,280	19,030	15,000	7,216	7,793	230.14	5.48	147.75	3.52
2.375	0.250	1.875	5.69	166,900	180,250	20,210	15,000	7,526	8,128	230.14	5.48	143.44	3.42



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Outside Diameter D (in)	Wall Thickness t (in)	Inside Diameter d (in)		Yield Load Ly (lb) t <sub>nom</sub>	Tensile Load Lt (lb) t <sub>nom</sub>	Yield Pressure Y <sub>p</sub> (psi)	Hydrotest Pressure 90% Y <sub>p</sub> (psi)	Yield (ft/lb) t <sub>min</sub>	Ultimate (ft/lb) t <sub>min</sub>	Gallons	Barrels	Gallons	Barrels
2.375	0.276	1.823	6.20	182,000	196,560	22,400	15,000	8,066	8,711	230.14	5.48	135.59	3.23
2.375	0.300	1.775	6.66	195,560	211,210	24,250	15,000	8,489	9,168	230.14	5.48	128.55	3.06
2.375	0.337	1.701	7.35	215,770	233,030	27,120	15,000	9,084	9,811	230.14	5.48	118.05	2.81
2.625	0.134	2.357	3.57	104,860	113,250	9,680	8,710	5,714	6,171	281.14	6.69	226.66	5.40
2.625	0.145	2.335	3.85	112,970	122,010	10,510	9,460	6,130	6,621	281.14	6.69	222.45	5.30
2.625	0.156	2.313	4.12	121,000	130,680	11,280	10,150	6,499	7,018	281.14	6.69	218.28	5.20
2.625	0.175	2.275	4.59	134,700	145,470	12,720	11,450	7,173	7,747	281.14	6.69	211.16	5.03
2.625	0.190	2.245	4.95	145,350	156,970	13,710	12,340	7,615	8,224	281.14	6.69	205.63	4.90
2.625	0.204	2.217	5.29	155,160	167,570	14,780	13,300	8,075	8,721	281.14	6.69	200.53	4.77
2.625	0.224	2.177	5.76	168,960	182,480	16,300	14,670	8,702	9,399	281.14	6.69	193.36	4.60
2.625	0.236	2.153	6.04	177,120	191,290	17,220	15,000	9,063	9,788	281.14	6.69	189.12	4.50
2.625	0.250	2.125	6.36	186,530	201,460	18,290	15,000	9,468	10,226	281.14	6.69	184.24	4.39
2.625	0.276	2.073	6.94	203,680	219,970	20,270	15,000	10,181	10,995	281.14	6.69	175.33	4.17
2.625	0.300	2.025	7.47	219,130	236,660	21,940	15,000	10,743	11,603	281.14	6.69	167.30	3.98
2.625	0.337	1.951	8.25	242,230	261,610	24,530	15,000	11,544	12,468	281.14	6.69	155.30	3.70
2.875	0.156	2.563	4.54	133,260	143,920	10,300	9,270	7,913	8,546	337.24	8.03	268.01	6.38
2.875	0.175	2.525	5.06	148,440	160,320	11,620	10,460	8,750	9,451	337.24	8.03	260.12	6.19
2.875	0.190	2.495	5.46	160,270	173,090	12,520	11,270	9,303	10,047	337.24	8.03	253.98	6.05
2.875	0.204	2.467	5.83	171,180	184,880	13,500	12,150	9,878	10,669	337.24	8.03	248.31	5.91
2.875	0.224	2.427	6.36	186,560	201,480	14,890	13,400	10,668	11,521	337.24	8.03	240.32	5.72
2.875	0.236	2.403	6.67	195,660	211,310	15,720	14,150	11,123	12,013	337.24	8.03	235.60	5.61
2.875	0.250	2.375	7.03	206,170	222,660	16,700	15,000	11,638	12,569	337.24	8.03	230.14	5.48
2.875	0.276	2.323	7.68	225,350	243,380	18,500	15,000	12,546	13,550	337.24	8.03	220.17	5.24



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2.875	0.300	2.275	8.27	242,690	262,100	20,030	15,000	13,269	14,331	337.24	8.03	211.16	5.03
2.875	0.337	2.201	9.16	268,700	290,200	22,400	15,000	14,308	15,453	337.24	8.03	197.65	4.71
3.250	0.156	2.938	5.17	151,630	163,760	9,110	8,200	10,296	11,119	430.95	10.26	352.18	8.39
3.250	0.175	2.900	5.76	169,060	182,580	10,280	9,250	11,413	12,326	430.95	10.26	343.13	8.17
3.250	0.190	2.870	6.22	182,650	197,260	11,080	9,970	12,152	13,124	430.95	10.26	336.06	8.00
3.250	0.204	2.842	6.65	195,210	210,830	11,940	10,750	12,927	13,961	430.95	10.26	329.54	7.85
3.250	0.224	2.802	7.26	212,950	229,980	13,170	11,850	13,994	15,114	430.95	10.26	320.33	7.63
3.250	0.236	2.778	7.62	223,460	241,340	13,910	12,520	14,613	15,782	430.95	10.26	314.86	7.50
3.250	0.250	2.750	8.03	235,620	254,470	14,770	13,290	15,316	16,541	430.95	10.26	308.55	7.35
3.250	0.276	2.698	8.79	257,870	278,500	16,370	14,730	16,565	17,890	430.95	10.26	296.99	7.07
3.250	0.300	2.650	9.47	278,030	300,270	17,720	15,000	17,567	18,973	430.95	10.26	286.52	6.82
3.250	0.337	2.576	10.51	308,400	333,080	19,820	15,000	19,022	20,544	430.95	10.26	270.74	6.45
3.500	0.175	3.150	6.23	182,800	197,430	9,540	8,590	13,384	14,455	499.80	11.90	404.84	9.64
3.500	0.190	3.120	6.73	197,580	213,380	10,290	9,260	14,264	15,405	499.80	11.90	397.16	9.46
3.500	0.204	3.092	7.20	211,240	228,140	11,090	9,980	15,188	16,403	499.80	11.90	390.07	9.29
3.500	0.224	3.052	7.86	230,540	248,980	12,230	11,010	16,464	17,781	499.80	11.90	380.04	9.05
3.500	0.236	3.028	8.25	242,000	261,360	12,910	11,620	17,207	18,583	499.80	11.90	374.09	8.91
3.500	0.250	3.000	8.70	255,260	275,680	13,710	12,340	18,051	19,495	499.80	11.90	367.20	8.74
3.500	0.276	2.948	9.53	279,550	301,910	15,200	13,680	19,558	21,122	499.80	11.90	354.58	8.44
3.500	0.300	2.900	10.28	301,590	325,720	16,460	14,810	20,772	22,434	499.80	11.90	343.13	8.17
3.500	0.337	2.826	11.41	334,870	361,660	18,400	15,000	22,545	24,348	499.80	11.90	325.84	7.76
4.500	0.224	4.052	10.25	300,910	324,980	9,510	8,560	28,366	30,635	826.20	19.67	669.88	15.95



# GT-100™ US Units

501 County Rd 493  
Dayton, TX 77535  
+1.713.265.5000  
info@global-tubing.com

Specified Dimensions			Nominal Weight w (lb/ft)	Axial Load Capacity		Pressure Capacity		Torsional Strength		External Displacement		Internal Capacity per 1000 ft	
Outside Diameter D (in)	Wall Thickness t (in)	Inside Diameter d (in)		Yield Load Ly (lb) t <sub>nom</sub>	Tensile Load Lt (lb) t <sub>nom</sub>	Yield Pressure Y <sub>p</sub> (psi)	Hydrotest Pressure 90% Y <sub>p</sub> (psi)	Yield (ft/lb) t <sub>min</sub>	Ultimate (ft/lb) t <sub>min</sub>	Gallons	Barrels	Gallons	Barrels
4.500	0.236	4.028	10.77	316,140	341,430	10,040	9,040	29,715	32,092	826.20	19.67	661.97	15.76
4.500	0.250	4.000	11.38	333,800	360,500	10,670	9,600	31,258	33,759	826.20	19.67	652.80	15.54
4.500	0.276	3.948	12.48	366,260	395,560	11,820	10,640	34,040	36,763	826.20	19.67	635.94	15.14
4.500	0.300	3.900	13.49	395,840	427,510	12,800	11,520	36,310	39,215	826.20	19.67	620.57	14.78
4.500	0.337	3.826	15.02	440,740	476,000	14,310	12,880	39,672	42,845	826.20	19.67	597.24	14.22
5.000	0.276	4.448	13.96	409,610	442,380	10,640	9,580	42,788	46,211	1,020.00	24.29	807.21	19.22
5.000	0.300	4.400	15.10	442,970	478,400	11,520	10,370	45,710	49,367	1,020.00	24.29	789.89	18.81
5.000	0.337	4.326	16.82	493,680	533,180	12,880	11,590	50,058	54,063	1,020.00	24.29	763.54	18.18



# GT-110™ Coiled Tubing Technical Data

US Units

## Tolerances

<b>Outside Diameter (inch):</b>	Nominal O.D. ±0.010	
<b>Wall Thickness (inch):</b>	Up to 0.087	(-0.004, +0.010)
	0.095 to 0.116	(-0.005, +0.010)
	0.125 to 0.145	(-0.007, +0.012)
	0.156 to 0.175	(-0.008, +0.012)
	0.190 to 0.276	(-0.010, +0.012)
	0.300	(-0.012, +0.015)
	0.337	(-0.015, +0.015)

## Mechanical Properties

<b>Specified Min Yield Strength (SMYS)</b>	110,000 psi
<b>Specified Min Tensile Strength (SMTS)</b>	115,000 psi
<b>Max Hardness</b>	30 HRC
<b>Min. Elongation, % (2" Gage Length)</b>	Per API: $\text{Min}\% = 625000 * \text{Area}^{0.2} / \text{UTS}^{0.9}$

## Chemistry

	C	Mn	P	S	Si	Cr	Ni	Cu	Mo	Al
<b>Min %</b>	0.050	0.700	-	-	0.100	0.250	-	-	-	-
<b>Max %</b>	0.150	1.700	0.025	0.006	0.500	1.000	0.250	0.400	0.300	0.050



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Outside Diameter D (in)	Wall Thickness t (in)	Inside Diameter d (in)		Yield Load Ly (lb) t <sub>nom</sub>	Tensile Load Lt (lb) t <sub>nom</sub>	Yield Pressure Y <sub>p</sub> (psi)	Hydrotest Pressure 90% Y <sub>p</sub> (psi)	Yield (ft/lb) t <sub>min</sub>	Ultimate (ft/lb) t <sub>min</sub>	Gallons	Barrels	Gallons	Barrels
0.750	0.080	0.590	0.57	18,520	19,360	22,290	15,000	261	273	22.95	0.55	14.20	0.34
0.750	0.087	0.576	0.62	19,930	20,840	24,350	15,000	277	290	22.95	0.55	13.54	0.32
0.750	0.095	0.560	0.67	21,500	22,480	26,400	15,000	292	305	22.95	0.55	12.79	0.30
0.750	0.102	0.546	0.71	22,840	23,880	28,450	15,000	306	320	22.95	0.55	12.16	0.29
0.750	0.109	0.532	0.75	24,150	25,240	30,510	15,000	319	333	22.95	0.55	11.55	0.27
1.000	0.080	0.840	0.79	25,430	26,590	16,720	15,000	502	525	40.80	0.97	28.79	0.69
1.000	0.087	0.826	0.85	27,450	28,700	18,260	15,000	536	561	40.80	0.97	27.84	0.66
1.000	0.095	0.810	0.92	29,710	31,060	19,800	15,000	569	595	40.80	0.97	26.77	0.64
1.000	0.102	0.796	0.98	31,650	33,090	21,340	15,000	601	628	40.80	0.97	25.85	0.62
1.000	0.109	0.782	1.04	33,560	35,090	22,880	15,000	630	659	40.80	0.97	24.95	0.59
1.000	0.116	0.768	1.10	35,440	37,050	24,420	15,000	658	688	40.80	0.97	24.06	0.57
1.000	0.125	0.750	1.17	37,800	39,520	25,960	15,000	685	716	40.80	0.97	22.95	0.55
1.000	0.134	0.732	1.24	40,100	41,920	27,940	15,000	717	750	40.80	0.97	21.86	0.52
1.250	0.080	1.090	1.00	32,350	33,820	13,380	12,040	821	859	63.75	1.52	48.47	1.15
1.250	0.087	1.076	1.08	34,970	36,560	14,610	13,150	882	922	63.75	1.52	47.24	1.12
1.250	0.095	1.060	1.17	37,920	39,640	15,840	14,260	940	983	63.75	1.52	45.84	1.09
1.250	0.102	1.046	1.25	40,470	42,300	17,070	15,000	996	1,041	63.75	1.52	44.64	1.06
1.250	0.109	1.032	1.33	42,980	44,930	18,300	15,000	1,050	1,097	63.75	1.52	43.45	1.03
1.250	0.116	1.018	1.41	45,460	47,520	19,540	15,000	1,101	1,151	63.75	1.52	42.28	1.01
1.250	0.125	1.000	1.51	48,600	50,810	20,770	15,000	1,151	1,203	63.75	1.52	40.80	0.97
1.250	0.134	0.982	1.60	51,680	54,030	22,350	15,000	1,211	1,267	63.75	1.52	39.34	0.94
1.250	0.145	0.960	1.72	55,370	57,890	24,290	15,000	1,281	1,340	63.75	1.52	37.60	0.90
1.250	0.156	0.938	1.83	58,980	61,660	26,050	15,000	1,341	1,402	63.75	1.52	35.90	0.85



# GT-110™ US Units

501 County Rd 493  
Dayton, TX 77535  
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info@global-tubing.com

Specified Dimensions			Nominal Weight w (lb/ft)	Axial Load Capacity		Pressure Capacity		Torsional Strength		External Displacement		Internal Capacity per 1000 ft	
Outside Diameter D (in)	Wall Thickness t (in)	Inside Diameter d (in)		Yield Load Ly (lb) t <sub>nom</sub>	Tensile Load Lt (lb) t <sub>nom</sub>	Yield Pressure Y <sub>p</sub> (psi)	Hydrotest Pressure 90% Y <sub>p</sub> (psi)	Yield (ft/lb) t <sub>min</sub>	Ultimate (ft/lb) t <sub>min</sub>	Gallons	Barrels	Gallons	Barrels
1.250	0.175	0.900	2.01	65,010	67,970	29,390	15,000	1,444	1,510	63.75	1.52	33.05	0.79
1.250	0.190	0.870	2.16	69,600	72,760	31,680	15,000	1,508	1,576	63.75	1.52	30.88	0.74
1.250	0.204	0.842	2.28	73,740	77,090	34,140	15,000	1,571	1,642	63.75	1.52	28.93	0.69
1.500	0.087	1.326	1.32	42,480	44,410	12,170	10,950	1,313	1,373	91.80	2.19	71.74	1.71
1.500	0.095	1.310	1.43	46,130	48,220	13,200	11,880	1,404	1,468	91.80	2.19	70.02	1.67
1.500	0.102	1.296	1.53	49,280	51,520	14,230	12,810	1,492	1,559	91.80	2.19	68.53	1.63
1.500	0.109	1.282	1.62	52,400	54,780	15,250	13,730	1,577	1,648	91.80	2.19	67.06	1.60
1.500	0.116	1.268	1.72	55,480	58,000	16,280	14,650	1,659	1,734	91.80	2.19	65.60	1.56
1.500	0.125	1.250	1.84	59,400	62,100	17,310	15,000	1,739	1,818	91.80	2.19	63.75	1.52
1.500	0.134	1.232	1.96	63,260	66,130	18,630	15,000	1,837	1,921	91.80	2.19	61.93	1.47
1.500	0.145	1.210	2.10	67,900	70,980	20,240	15,000	1,952	2,041	91.80	2.19	59.74	1.42
1.500	0.156	1.188	2.24	72,450	75,750	21,710	15,000	2,051	2,145	91.80	2.19	57.58	1.37
1.500	0.175	1.150	2.48	80,130	83,770	24,490	15,000	2,227	2,328	91.80	2.19	53.96	1.28
1.500	0.190	1.120	2.66	86,010	89,920	26,400	15,000	2,337	2,443	91.80	2.19	51.18	1.22
1.500	0.204	1.092	2.83	91,360	95,520	28,450	15,000	2,448	2,559	91.80	2.19	48.65	1.16
1.750	0.109	1.532	1.91	61,810	64,620	13,070	11,760	2,212	2,312	124.95	2.97	95.76	2.28
1.750	0.116	1.518	2.03	65,500	68,480	13,950	12,560	2,332	2,438	124.95	2.97	94.02	2.24
1.750	0.125	1.500	2.17	70,200	73,390	14,830	13,350	2,449	2,561	124.95	2.97	91.80	2.19
1.750	0.134	1.482	2.32	74,830	78,230	15,970	14,370	2,595	2,713	124.95	2.97	89.61	2.13
1.750	0.145	1.460	2.49	80,420	84,080	17,350	15,000	2,766	2,892	124.95	2.97	86.97	2.07
1.750	0.156	1.438	2.66	85,930	89,840	18,610	15,000	2,915	3,048	124.95	2.97	84.37	2.01
1.750	0.175	1.400	2.95	95,250	99,580	20,990	15,000	3,182	3,326	124.95	2.97	79.97	1.90
1.750	0.190	1.370	3.17	102,430	107,080	22,630	15,000	3,352	3,505	124.95	2.97	76.58	1.82



# GT-110™ US Units

501 County Rd 493  
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info@global-tubing.com

Specified Dimensions			Nominal Weight w (lb/ft)	Axial Load Capacity		Pressure Capacity		Torsional Strength		External Displacement		Internal Capacity per 1000 ft	
Outside Diameter D (in)	Wall Thickness t (in)	Inside Diameter d (in)		Yield Load Ly (lb) t <sub>nom</sub>	Tensile Load Lt (lb) t <sub>nom</sub>	Yield Pressure Y <sub>0</sub> (psi)	Hydrotest Pressure 90% Y <sub>0</sub> (psi)	Yield (ft/lb) t <sub>min</sub>	Ultimate (ft/lb) t <sub>min</sub>	Gallons	Barrels	Gallons	Barrels
1.750	0.204	1.342	3.38	108,990	113,940	24,390	15,000	3,526	3,686	124.95	2.97	73.48	1.75
2.000	0.109	1.782	2.21	71,230	74,470	11,440	10,300	2,955	3,089	163.20	3.89	129.56	3.08
2.000	0.116	1.768	2.34	75,520	78,960	12,210	10,990	3,121	3,262	163.20	3.89	127.53	3.04
2.000	0.125	1.750	2.51	80,990	84,680	12,980	11,680	3,282	3,431	163.20	3.89	124.95	2.97
2.000	0.134	1.732	2.68	86,410	90,340	13,970	12,570	3,484	3,643	163.20	3.89	122.39	2.91
2.000	0.145	1.710	2.88	92,950	97,180	15,180	13,660	3,723	3,892	163.20	3.89	119.30	2.84
2.000	0.156	1.688	3.08	99,410	103,930	16,280	14,650	3,933	4,111	163.20	3.89	116.25	2.77
2.000	0.175	1.650	3.42	110,370	115,390	18,370	15,000	4,310	4,506	163.20	3.89	111.08	2.64
2.000	0.190	1.620	3.68	118,840	124,250	19,800	15,000	4,554	4,761	163.20	3.89	107.08	2.55
2.000	0.204	1.592	3.92	126,610	132,370	21,340	15,000	4,805	5,023	163.20	3.89	103.41	2.46
2.000	0.224	1.552	4.26	137,480	143,730	23,540	15,000	5,140	5,374	163.20	3.89	98.27	2.34
2.000	0.236	1.528	4.46	143,860	150,400	24,860	15,000	5,329	5,572	163.20	3.89	95.26	2.27
2.000	0.250	1.500	4.68	151,190	158,060	26,400	15,000	5,540	5,791	163.20	3.89	91.80	2.19
2.375	0.125	2.125	3.01	97,190	101,610	10,930	9,840	4,762	4,978	230.14	5.48	184.24	4.39
2.375	0.134	2.107	3.21	103,770	108,490	11,760	10,580	5,066	5,296	230.14	5.48	181.13	4.31
2.375	0.145	2.085	3.46	111,740	116,820	12,780	11,500	5,428	5,674	230.14	5.48	177.37	4.22
2.375	0.156	2.063	3.71	119,630	125,060	13,710	12,340	5,747	6,008	230.14	5.48	173.64	4.13
2.375	0.175	2.025	4.12	133,050	139,090	15,470	13,920	6,328	6,616	230.14	5.48	167.30	3.98
2.375	0.190	1.995	4.44	143,470	149,990	16,670	15,000	6,708	7,013	230.14	5.48	162.38	3.87
2.375	0.204	1.967	4.74	153,050	160,010	17,970	15,000	7,100	7,423	230.14	5.48	157.86	3.76
2.375	0.224	1.927	5.16	166,510	174,080	19,820	15,000	7,633	7,980	230.14	5.48	151.50	3.61
2.375	0.236	1.903	5.40	174,450	182,380	20,930	15,000	7,937	8,298	230.14	5.48	147.75	3.52
2.375	0.250	1.875	5.69	183,590	191,930	22,230	15,000	8,278	8,655	230.14	5.48	143.44	3.42





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Specified Dimensions			Nominal Weight w (lb/ft)	Axial Load Capacity		Pressure Capacity		Torsional Strength		External Displacement		Internal Capacity per 1000 ft	
Outside Diameter D (in)	Wall Thickness t (in)	Inside Diameter d (in)		Yield Load Ly (lb) t <sub>nom</sub>	Tensile Load Lt (lb) t <sub>nom</sub>	Yield Pressure Y <sub>p</sub> (psi)	Hydrotest Pressure 90% Y <sub>p</sub> (psi)	Yield (ft/lb) t <sub>min</sub>	Ultimate (ft/lb) t <sub>min</sub>	Gallons	Barrels	Gallons	Barrels
2.375	0.276	1.823	6.20	200,200	209,300	24,640	15,000	8,873	9,276	230.14	5.48	135.59	3.23
2.375	0.300	1.775	6.66	215,120	224,900	26,680	15,000	9,338	9,762	230.14	5.48	128.55	3.06
2.375	0.337	1.701	7.35	237,340	248,130	29,830	15,000	9,992	10,446	230.14	5.48	118.05	2.81
2.625	0.134	2.357	3.57	115,350	120,590	10,640	9,580	6,285	6,571	281.14	6.69	226.66	5.40
2.625	0.145	2.335	3.85	124,270	129,920	11,570	10,410	6,743	7,050	281.14	6.69	222.45	5.30
2.625	0.156	2.313	4.12	133,100	139,150	12,400	11,160	7,148	7,473	281.14	6.69	218.28	5.20
2.625	0.175	2.275	4.59	148,170	154,900	14,000	12,600	7,890	8,249	281.14	6.69	211.16	5.03
2.625	0.190	2.245	4.95	159,880	167,150	15,090	13,580	8,377	8,758	281.14	6.69	205.63	4.90
2.625	0.204	2.217	5.29	170,670	178,430	16,260	14,630	8,882	9,286	281.14	6.69	200.53	4.77
2.625	0.224	2.177	5.76	185,860	194,310	17,940	15,000	9,573	10,008	281.14	6.69	193.36	4.60
2.625	0.236	2.153	6.04	194,840	203,690	18,940	15,000	9,969	10,422	281.14	6.69	189.12	4.50
2.625	0.250	2.125	6.36	205,190	214,510	20,110	15,000	10,415	10,889	281.14	6.69	184.24	4.39
2.625	0.276	2.073	6.94	224,050	234,230	22,290	15,000	11,199	11,708	281.14	6.69	175.33	4.17
2.625	0.300	2.025	7.47	241,040	252,000	24,140	15,000	11,818	12,355	281.14	6.69	167.30	3.98
2.625	0.337	1.951	8.25	266,460	278,570	26,990	15,000	12,699	13,276	281.14	6.69	155.30	3.70
2.875	0.156	2.563	4.54	146,580	153,240	11,330	10,200	8,704	9,099	337.24	8.03	268.01	6.38
2.875	0.175	2.525	5.06	163,280	170,710	12,780	11,500	9,626	10,063	337.24	8.03	260.12	6.19
2.875	0.190	2.495	5.46	176,300	184,310	13,770	12,390	10,233	10,698	337.24	8.03	253.98	6.05
2.875	0.204	2.467	5.83	188,300	196,860	14,850	13,370	10,866	11,360	337.24	8.03	248.31	5.91
2.875	0.224	2.427	6.36	205,210	214,540	16,380	14,740	11,734	12,268	337.24	8.03	240.32	5.72
2.875	0.236	2.403	6.67	215,230	225,010	17,290	15,000	12,235	12,792	337.24	8.03	235.60	5.61
2.875	0.250	2.375	7.03	226,780	237,090	18,370	15,000	12,801	13,383	337.24	8.03	230.14	5.48
2.875	0.276	2.323	7.68	247,890	259,160	20,350	15,000	13,801	14,428	337.24	8.03	220.17	5.24



# GT-110™ US Units

501 County Rd 493  
Dayton, TX 77535  
+1.713.265.5000  
info@global-tubing.com

Specified Dimensions			Nominal Weight w (lb/ft)	Axial Load Capacity		Pressure Capacity		Torsional Strength		External Displacement		Internal Capacity per 1000 ft	
Outside Diameter D (in)	Wall Thickness t (in)	Inside Diameter d (in)		Yield Load Ly (lb) t <sub>nom</sub>	Tensile Load Lt (lb) t <sub>nom</sub>	Yield Pressure Y <sub>p</sub> (psi)	Hydrotest Pressure 90% Y <sub>p</sub> (psi)	Yield (ft/lb) t <sub>min</sub>	Ultimate (ft/lb) t <sub>min</sub>	Gallons	Barrels	Gallons	Barrels
2.875	0.300	2.275	8.27	266,960	279,090	22,040	15,000	14,596	15,260	337.24	8.03	211.16	5.03
2.875	0.337	2.201	9.16	295,570	309,010	24,640	15,000	15,739	16,454	337.24	8.03	197.65	4.71
3.250	0.156	2.938	5.17	166,800	174,380	10,020	9,020	11,325	11,840	430.95	10.26	352.18	8.39
3.250	0.175	2.900	5.76	185,960	194,420	11,300	10,170	12,554	13,124	430.95	10.26	343.13	8.17
3.250	0.190	2.870	6.22	200,920	210,050	12,180	10,960	13,367	13,975	430.95	10.26	336.06	8.00
3.250	0.204	2.842	6.65	214,740	224,500	13,130	11,820	14,219	14,866	430.95	10.26	329.54	7.85
3.250	0.224	2.802	7.26	234,240	244,890	14,490	13,040	15,394	16,093	430.95	10.26	320.33	7.63
3.250	0.236	2.778	7.62	245,810	256,980	15,300	13,770	16,075	16,805	430.95	10.26	314.86	7.50
3.250	0.250	2.750	8.03	259,180	270,960	16,250	14,630	16,847	17,613	430.95	10.26	308.55	7.35
3.250	0.276	2.698	8.79	283,660	296,550	18,010	15,000	18,221	19,050	430.95	10.26	296.99	7.07
3.250	0.300	2.650	9.47	305,830	319,740	19,500	15,000	19,324	20,203	430.95	10.26	286.52	6.82
3.250	0.337	2.576	10.51	339,250	354,670	21,800	15,000	20,925	21,876	430.95	10.26	270.74	6.45
3.500	0.175	3.150	6.23	201,080	210,220	10,500	9,450	14,723	15,392	499.80	11.90	404.84	9.64
3.500	0.190	3.120	6.73	217,330	227,210	11,310	10,180	15,691	16,404	499.80	11.90	397.16	9.46
3.500	0.204	3.092	7.20	232,360	242,920	12,190	10,970	16,707	17,466	499.80	11.90	390.07	9.29
3.500	0.224	3.052	7.86	253,590	265,120	13,450	12,110	18,111	18,934	499.80	11.90	380.04	9.05
3.500	0.236	3.028	8.25	266,200	278,300	14,210	12,790	18,927	19,788	499.80	11.90	374.09	8.91
3.500	0.250	3.000	8.70	280,780	293,540	15,090	13,580	19,856	20,759	499.80	11.90	367.20	8.74
3.500	0.276	2.948	9.53	307,500	321,480	16,720	15,000	21,514	22,491	499.80	11.90	354.58	8.44
3.500	0.300	2.900	10.28	331,750	346,830	18,100	15,000	22,850	23,888	499.80	11.90	343.13	8.17
3.500	0.337	2.826	11.41	368,360	385,100	20,240	15,000	24,799	25,926	499.80	11.90	325.84	7.76
4.500	0.224	4.052	10.25	331,000	346,050	10,460	9,410	31,203	32,621	826.20	19.67	669.88	15.95



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4.500	0.236	4.028	10.77	347,750	363,560	11,050	9,950	32,686	34,172	826.20	19.67	661.97	15.76
4.500	0.250	4.000	11.38	367,170	383,860	11,730	10,560	34,384	35,947	826.20	19.67	652.80	15.54
4.500	0.276	3.948	12.48	402,880	421,190	13,000	11,700	37,444	39,146	826.20	19.67	635.94	15.14
4.500	0.300	3.900	13.49	435,430	455,220	14,080	12,670	39,941	41,757	826.20	19.67	620.57	14.78
4.500	0.337	3.826	15.02	484,820	506,860	15,740	14,170	43,639	45,622	826.20	19.67	597.24	14.22
5.000	0.276	4.448	13.96	450,570	471,050	11,700	10,530	47,067	49,206	1,020.00	24.29	807.21	19.22
5.000	0.300	4.400	15.10	487,260	509,410	12,670	11,400	50,282	52,567	1,020.00	24.29	789.89	18.81
5.000	0.337	4.326	16.82	543,050	567,730	14,170	12,750	55,064	57,567	1,020.00	24.29	763.54	18.18