

QT-900 Technical Data Sheet

Specified

Outside Diameter, D		Wall Thickness, t		Calculated Inside Diameter, d		Plain End Mass, M _{pe}		Pipe Metal Cross Sectional Area, A		Pipe Body Yield Load, L _y		Tensile Load, L _t		Internal Yield Pressure, P _y		Hydro Test Pressure, P _t		Torsional Yield Strength, T _y	
in	mm	in	mm	in	mm	lb/ft	kg/m	in ²	mm ²	lb	kg	lb	kg	psi	MPa	psi	MPa	lb/ft	kg/m
2 3/8	60.3	0.134	3.4	2.107	53.5	3.210	4.776	0.943	608.4	84,910	38,500	92,450	41,920	9,780	67.4	7,800	53.9	4,330	5,870
2 3/8	60.3	0.145	3.7	2.085	52.9	3.457	5.142	1.016	655.1	91,430	41,450	99,550	45,140	10,610	73.2	8,500	58.5	4,620	6,260
2 3/8	60.3	0.156	4.0	2.063	52.4	3.700	5.505	1.088	701.3	97,880	44,380	106,580	48,320	11,440	78.9	9,200	63.2	4,910	6,660
2 3/8	60.3	0.175	4.4	2.025	51.4	4.116	6.123	1.210	780.0	108,860	49,350	118,530	53,740	12,880	88.9	10,300	71.1	5,370	7,280
2 3/8	60.3	0.188	4.8	1.999	50.7	4.395	6.539	1.292	833.0	116,250	52,710	126,590	57,390	13,870	95.7	11,100	76.5	5,670	7,690
2 3/8	60.3	0.203	5.2	1.969	50.0	4.713	7.012	1.385	893.3	124,670	56,520	135,750	61,550	15,010	103.5	12,000	82.8	6,010	8,150
2 3/8	60.3	0.224	5.7	1.927	48.9	5.151	7.659	1.514	975.7	136,230	61,740	148,340	67,230	16,600	114.4	13,300	91.5	6,450	8,750
2 3/8	60.3	0.236	6.0	1.903	48.3	5.396	8.028	1.586	1,022.6	142,730	64,710	155,420	70,460	17,510	120.8	14,000	96.6	6,690	9,070
2 3/8	60.3	0.250	6.4	1.875	47.6	5.679	8.449	1.669	1,076.3	150,210	68,100	163,560	74,160	18,570	128.1	14,900	102.5	6,970	9,450
2 3/8	66.7	0.156	4.0	2.313	58.8	4.117	6.131	1.210	781.0	108,900	49,420	118,580	53,810	10,350	71.4	8,300	57.1	6,110	8,280
2 3/8	66.7	0.175	4.4	2.275	57.8	4.583	6.824	1.347	869.4	121,230	55,010	132,000	59,900	11,660	80.3	9,300	64.3	6,700	9,080
2 3/8	66.7	0.188	4.8	2.249	57.1	4.898	7.292	1.439	929.0	129,540	58,780	141,060	64,010	12,550	86.5	10,000	69.2	7,090	9,610
2 3/8	66.7	0.203	5.2	2.219	56.4	5.256	7.826	1.545	996.9	139,020	63,080	151,370	68,690	13,580	93.6	10,900	74.9	7,530	10,210
2 3/8	66.7	0.224	5.7	2.177	55.3	5.749	8.557	1.690	1,090.1	152,070	68,980	165,580	75,110	15,020	103.5	12,000	82.8	8,100	10,980
2 3/8	66.7	0.236	6.0	2.153	54.7	6.027	8.974	1.771	1,143.1	159,410	72,330	173,580	78,760	15,840	109.2	12,700	87.3	8,420	11,420
2 3/8	66.7	0.250	6.4	2.125	54.0	6.347	9.451	1.865	1,203.9	167,880	76,180	182,800	82,950	16,800	115.8	13,400	92.6	8,770	11,890
2 7/8	73.0	0.156	4.0	2.563	65.1	4.534	6.746	1.333	859.4	119,930	54,380	130,590	59,210	9,450	65.2	7,600	52.2	7,440	10,090
2 7/8	73.0	0.175	4.4	2.525	64.1	5.051	7.515	1.484	957.3	133,600	60,580	145,470	65,960	10,640	73.4	8,500	58.7	8,180	11,090
2 7/8	73.0	0.188	4.8	2.499	63.4	5.400	8.034	1.587	1,023.5	142,830	64,760	155,530	70,520	11,460	79.0	9,200	63.2	8,670	11,750
2 7/8	73.0	0.203	5.2	2.469	62.7	5.798	8.627	1.704	1,099.0	153,360	69,540	167,000	75,720	12,400	85.5	9,900	68.4	9,210	12,490
2 7/8	73.0	0.224	5.7	2.427	61.6	6.348	9.441	1.866	1,202.6	167,900	76,100	182,820	82,860	13,710	94.5	11,000	75.6	9,940	13,480
2 7/8	73.0	0.236	6.0	2.403	61.0	6.658	9.905	1.957	1,261.8	176,090	79,840	191,750	86,940	14,460	99.7	11,600	79.8	10,340	14,020
2 7/8	73.0	0.250	6.4	2.375	60.3	7.015	10.437	2.062	1,329.6	185,550	84,130	202,040	91,610	15,340	105.8	12,300	84.6	10,790	14,630

A Minimum wall thickness is 0.005" (0.13 mm) less than specified wall thickness.

B Pressures calculated based on t - 0.005" (0.13 mm).

C Maximum hydrostatic test pressure is 15,000 psi (103 MPa).

D Additional diameters and wall thicknesses may be available upon request.

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