

ATP-130 Technical Data Sheet

ATP-130 is a thermally processed grade of coiled tubing with a uniform microstructure throughout the tubing that yields improved bias weld performance with respect to low-cycle fatigue accumulation and localized corrosion. ATP-130 can be ordered as either TRUE-TAPER™ or TRUE-TAPER XR, straight wall, or as a string with an electric wireline or capillary tube installed.

Mechanical Properties

Minimum Yield Strength, psi (MPa)	130,000 (896)
Minimum Tensile Strength, psi (MPa)	135,000 (931)
Maximum Hardness	37 HRC

Technical Data

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 _i		Hydro Test Pressure, P _t		Torsional Yield Strength, T _t	
in	mm	in	mm	in	mm	lb/ft	kg/m	in ²	mm ²	lb	kg	lb	kg	psi	MPa	psi	MPa	ft-lb	N-m
2	50.8	0.134	3.4	1.732	44.0	2.673	3.978	0.786	506.8	102,120	46,320	106,050	48,100	16,770	115.6	13,400	92.5	4,300	5,830
2	50.8	0.145	3.7	1.710	43.4	2.875	4.280	0.845	545.2	109,850	49,830	114,080	51,740	18,200	125.5	14,600	100.4	4,570	6,200
2	50.8	0.156	4.0	1.688	42.9	3.075	4.577	0.904	583.0	117,480	53,290	122,000	55,340	19,630	135.3	15,000	103.4	4,840	6,560
2	50.8	0.175	4.4	1.650	41.9	3.414	5.081	1.003	647.3	130,440	59,170	135,450	61,440	22,100	152.4	15,000	103.4	5,270	7,150
2	50.8	0.188	4.8	1.624	41.2	3.642	5.420	1.070	690.5	139,130	63,110	144,480	65,530	23,790	164.0	15,000	103.4	5,550	7,520
2	50.8	0.203	5.2	1.594	40.5	3.900	5.804	1.146	739.4	148,980	67,580	154,710	70,180	25,740	177.5	15,000	103.4	5,860	7,950
2	50.8	0.224	5.7	1.552	39.4	4.253	6.327	1.250	806.0	162,470	73,670	168,720	76,500	28,470	196.2	15,000	103.4	6,260	8,490
2	50.8	0.236	6.0	1.528	38.8	4.450	6.623	1.308	843.7	170,020	77,120	176,560	80,080	30,030	207.0	15,000	103.4	6,480	8,790
2	50.8	0.250	6.4	1.500	38.1	4.677	6.961	1.374	886.7	178,680	81,050	185,550	84,160	31,850	219.6	15,000	103.4	6,720	9,110
2 3/8	60.3	0.134	3.4	2.107	53.5	3.210	4.776	0.943	608.4	122,640	55,610	127,360	57,740	14,120	97.4	11,300	77.9	6,260	8,490
2 3/8	60.3	0.145	3.7	2.085	52.9	3.457	5.142	1.016	655.1	132,060	59,870	137,140	62,180	15,330	105.7	12,300	84.6	6,680	9,060
2 3/8	60.3	0.156	4.0	2.063	52.4	3.700	5.505	1.088	701.3	141,380	64,100	146,810	66,560	16,530	114.0	13,200	91.2	7,090	9,610
2 3/8	60.3	0.175	4.4	2.025	51.4	4.116	6.123	1.210	780.0	157,240	71,290	163,280	74,030	18,610	128.4	14,900	102.7	7,760	10,520
2 3/8	60.3	0.188	4.8	1.999	50.7	4.395	6.539	1.292	833.0	167,920	76,130	174,380	79,060	20,030	138.2	15,000	103.4	8,190	11,100
2 3/8	60.3	0.203	5.2	1.969	50.0	4.713	7.012	1.385	893.3	180,070	81,640	187,000	84,780	21,680	149.5	15,000	103.4	8,680	11,770
2 3/8	60.3	0.224	5.7	1.927	48.9	5.151	7.659	1.514	975.7	196,780	89,180	204,350	92,610	23,970	165.3	15,000	103.4	9,320	12,640
2 3/8	60.3	0.236	6.0	1.903	48.3	5.396	8.028	1.586	1,022.6	206,170	93,470	214,100	97,060	25,290	174.4	15,000	103.4	9,670	13,110
2 3/8	60.3	0.250	6.4	1.875	47.6	5.679	8.449	1.669	1,076.3	216,970	98,370	225,310	102,150	26,820	185.0	15,000	103.4	10,060	13,640
2 3/8	66.7	0.156	4.0	2.313	58.8	4.117	6.131	1.210	781.0	157,300	71,380	163,350	74,130	14,960	103.1	12,000	82.5	8,820	11,960
2 3/8	66.7	0.175	4.4	2.275	57.8	4.583	6.824	1.347	869.4	175,100	79,460	181,840	82,510	16,840	116.1	13,500	92.8	9,680	13,120
2 3/8	66.7	0.188	4.8	2.249	57.1	4.898	7.292	1.439	929.0	187,110	84,910	194,310	88,170	18,130	124.9	14,500	99.9	10,240	13,880
2 3/8	66.7	0.203	5.2	2.219	56.4	5.256	7.826	1.545	996.9	200,800	91,120	208,520	94,620	19,610	135.2	15,000	103.4	10,870	14,740
2 3/8	66.7	0.224	5.7	2.177	55.3	5.749	8.557	1.690	1,090.1	219,650	99,630	228,100	103,460	21,690	149.4	15,000	103.4	11,700	15,860
2 3/8	66.7	0.236	6.0	2.153	54.7	6.027	8.974	1.771	1,143.1	230,260	104,480	239,120	108,500	22,880	157.7	15,000	103.4	12,160	16,490
2 3/8	66.7	0.250	6.4	2.125	54.0	6.347	9.451	1.865	1,203.9	242,490	110,040	251,820	114,270	24,270	167.3	15,000	103.4	12,670	17,180

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

B Pressures calculated based on t - 0.005 in. (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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