



MINIMUM PERFORMANCE PROPERTIES OF ROUND THREAD CASING

Dimensions					Minimum Collapse Pressure (psi)				Minimum Internal Yield Pressure (psi)				Joint Yield Strength (1,000 lbs.)								BBL. per 100 Ft.	
O.D.	Wt. lbs. / ft. T&C	I.D.	Drift I.D.	Cplg. O.D.	J-55	C-75	N-80	P-110	J-55	C-75	N-80	P-110	Short Thread				Long Thread					
													J-55	C-75	N-80	P-110	J-55	C-75	N-80	P-110		
4-1/2	9.5	4.090	3.965	5.000	3310	...	...	...	4380	...	...	...	101	...	...	...	...	...	...	...	1.63
	11.6	4.000	3.875		4960	6130	6350	7560	5350	7290	7780	10690	154	...	...	...	162	212	223	279	1.55
	13.5	3.920	3.795		...	8170	8540	10670	...	8460	9020	12410	...	...	...	...	...	257	270	338	1.49
	15.1	3.826	3.701		...	10390	11080	14320	...	9830	10480	14420	...	...	...	...	...	...	...	406	1.42
5	11.5	4.560	4.435	5.563	3060	...	...	...	4240	...	...	...	133	...	...	...	...	...	...	...	2.02
	13.0	4.494	4.369		4140	4990	5140	...	4870	6640	7090	...	169	...	...	...	182	...	...	...	1.96
	15.0	4.408	4.283		5550	6970	7250	8830	5700	7770	8290	11400	207	...	...	...	223	295	311	388	1.89
	18.0	4.276	4.151		...	10000	10490	13450	...	9500	10140	13940	...	...	...	...	...	376	396	495	1.78
5-1/2	13.0	5.044	4.919	6.050	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.47
	14.0	5.012	4.887		3120	3560	...	...	4270	5820	...	...	172	...	...	...	...	...	...	...	2.44
	15.5	4.950	4.825		4040	4860	4990	5620	4810	6560	7000	9620	202	...	...	...	217	...	...	...	2.38
	17.0	4.892	4.767		4910	6070	6280	7460	5320	7250	7740	10640	229	...	...	...	247	327	348	445	2.32
	20.0	4.778	4.653		...	8440	8830	11080	...	8610	9190	12640	...	...	...	...	...	403	428	548	2.22
23.0	4.470	4.545	...	10460	11160	14520	...	9260	9880	13580	...	...	...	...	...	473	502	643	2.12		
6-5/8	20.0	6.049	5.924	7.390	2970	...	3480	...	4180	...	6090	...	245	...	...	...	266	...	...	...	3.55
	24.0	5.921	5.796		4560	5570	5760	6710	5110	6970	7440	10230	314	...	...	...	340	453	481	641	3.41
	28.0	5.791	5.666		...	7830	8170	10140	...	8260	8810	12120	...	...	...	...	...	552	586	781	3.22
	32.0	5.675	5.550		...	9830	10320	13200	...	9410	10040	13800	...	...	...	...	...	638	677	904	3.13
7	17.0	6.538	6.413	7.656	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.15
	20.0	6.456	6.331		2270	2660	...	...	3740	5100	...	...	234	...	...	...	...	...	...	...	4.05
	23.0	6.366	6.241		3270	3770	3830	...	4360	5940	6340	...	284	...	...	...	313	416	442	...	3.94
	26.0	6.276	6.151		4320	5250	5410	6210	4980	6790	7240	9960	334	...	...	...	367	489	519	693	3.83
	29.0	6.184	6.059		...	6760	7020	8510	...	7650	8160	11220	...	...	...	...	...	562	597	797	3.71
	32.0	6.094	5.969		...	8230	8600	10760	...	8490	9060	12460	...	...	...	...	...	633	672	897	3.61
	35.0	6.004	5.879		...	9710	10180	13010	...	9340	9960	13700	...	...	...	...	...	703	746	996	3.50
38.0	5.920	5.795	...	10680	11390	15110	...	10120	10800	14850	...	...	...	...	...	767	814	1,087	3.40		
7-5/8	24.0	7.025	6.900	8.500	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.79
	26.4	6.969	6.844		2890	3280	3400	3930	4140	5650	6020	8280	315	...	...	...	346	461	490	...	4.72
	29.7	6.875	6.750		...	4670	4790	5340	...	6450	6890	9470	...	...	...	...	...	542	575	769	4.59
	33.7	6.765	6.640		...	6320	6560	7850	...	7400	7900	10860	...	...	...	...	...	635	674	901	4.45
	39.0	6.625	6.500		...	8430	8810	11060	...	8610	9180	12620	...	...	...	...	...	751	798	1,066	4.26
8-5/8	24.0	8.097	7.972	9.625	1370	...	...	...	2950	...	...	...	244	...	...	...	...	...	...	...	6.37
	28.0	8.017	7.892		6.24
	32.0	7.921	7.796		2530	2950	3050	3430	3930	5360	5710	7860	372	...	...	...	417	...	...	...	6.09
	36.0	7.825	7.700		3450	4020	4100	4700	4460	6090	6490	8930	434	...	...	...	486	648	688	...	5.95
	40.0	7.725	7.600		...	5350	5520	6380	...	6850	7300	10040	...	...	...	...	...	742	788	1,055	5.80
	44.0	7.625	7.500		...	6680	6950	8400	...	7610	8120	11160	...	...	...	...	...	834	887	1,186	5.65
49.0	7.511	7.386	...	8200	8570	10720	...	8480	9040	12430	...	...	...	...	...	939	997	1,335	5.48		
9-5/8	32.3	9.001	8.845	10.625	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7.87
	36.0	8.921	8.765		2020	2320	2370	2470	3520	4800	5120	7040	394	...	...	...	453	...	...	...	7.73
	40.0	8.835	8.679		2570	2980	3090	3480	3950	5390	5750	7900	452	...	...	...	520	694	737	...	7.58
	43.5	8.755	8.599		...	3750	3810	4430	...	5930	6330	8700	...	...	...	...	...	776	825	1,106	7.45
	47.0	8.681	8.525		...	4630	4750	5310	...	6440	6870	9440	...	...	...	...	...	852	905	1,213	7.32
	53.5	8.535	8.379		...	6380	6620	7930	...	7430	7930	10900	...	...	...	...	...	999	1,062	1,422	7.08
10-3/	40.5	10.050	9.894	11.750	1580	1720	...	...	3130	...	...	...	420	...	...	...	...	...	...	...	9.81
	45.5	9.950	9.794		2090	3580	493	9.62
	51.0	9.850	9.694		2700	3100	3220	3670	4030	5490	5860	8060	565	756	804	1,080	...	...	...	...	9.43
	55.5	9.760	9.604		...	3950	4020	4630	...	6040	6450	8860	...	843	895	1,203	...	...	...	...	9.25
	60.7	9.660	9.504		...	...	...	5860	...	...	...	9760	...	...	...	1,338	...	...	...	...	9.06
	65.7	9.560	9.404		...	...	...	7490	...	...	...	10650	...	...	...	1,472	...	...	...	...	8.88
11-3/	42.0	11.084	10.928	12.750	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11.93
	47.0	11.000	10.844		1510	...	...	...	...	3070	...	...	...	477	...	...	...	...	...	...	11.75
	54.0	10.880	10.724		2070	...	...	...	...	3560	...	...	...	568	...	...	...	...	...	...	11.50
	60.0	10.772	10.616		2660	3070	3180	...	...	4010	5460	5830	...	649	869	924	...	...	...	...	11.27
13-3/	48.0	12.715	12.559	14.375	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15.71
	54.5	12.615	12.459		1130	...	...	...	...	2730	...	...	...	514	...	...	...	...	...	...	15.46
	61.0	12.515	12.359		1540	...	...	...	...	3090	...	...	...	595	...	...	...	...	...	...	15.21
	68.0	12.415	12.259		1950	2220	2260	...	...	3450	4710	5020	...	675	905	963	...	...	...	...	14.97
	72.0	12.347	12.191		...	2590	2670	...	...	...	5040	5380	...	...	978	1,040	...	...	...	...	14.81
16	65.0	15.250	15.062	17.000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22.59
	75.0	15.124	14.936		1020	...	...	...	...	2630	...	...	...	710	...	...	...	...	...	...	22.22
	84.0	15.010	14.822		1410	...	...	...	...	2980	...	...	...	817	...	...	...	...	...	...	21.89
18-5/	87.5	17.755	17.567	20.000	630	...	...	...	2250	...	...	...	754	...	...	...	...	...	...	30.62	
20	94.0	19.124	18.936	21.000	520	...	...	...	2110	...	...	...	784	...	...	...	907	...	...	...	35.53
	106.5	19.000	18.812		770	...	...	...	...	2410	...	...	...	913	...	...	1,057	...	...	...	35.07
	133.0	18.730	18.542		1500	...	...	...	...	3060	...	...	...	1,192	...	...	1,380	...	...	...	34.08