

## FJ60 HOOK CASING LINER PERFORMANCE DATA

PIPE DIMENSIONS					JOINT DIMENSIONS					Joint Tension Based on Min. Ultimate Tensile Parting Load SLFT = String Length in Feet <span style="float: right;">MPL = Min.</span>							
Pipe O.D.	P.E. Weight	Wall Thickness	Inside Diameter	Drift Diameter	Pin Length	Pin I.D. Bored	Box O.D.	Joint Efficiency	Critical Area of Joint	K-55 MPL + 95,000 PSI		N-80 or E MPL + 100,000 PSI		C or S95 MPL + 105,000		P105 or P110 MPL + 125,000 PSI	
Inches	Lbs/Ft.	Inches	Inches	Inches	Inches	Min. Inches	Inches	Percent	Sq. In	MPL	SLFT	MPL	SLFT	MPL	SLFT	MPL	SLFT
3 1/2	8.81	.254	2.992	2.867	3 3/8	2.937	Flush	60	1.550	147	8356	155	10349	162	11545	193	13744
3 1/2	9.91	.289	2.992	2.867	4.0	2.867	Flush	64	1.876	178	8997	187	11135	197	12423	234	14789
3 1/2	12.31	.368	2.764	2.639	4 5/8	Flush	Flush	64	2.336	222	9013	233	11162	245	12453	292	14825
3 1/2	9.35	.250	3.250	3.125	2.750	3.200	Flush	60	1.667	158	8449	167	10487	175	11700	208	13928
4	9.11	.226	3.548	3.423	2 3/4	3.468	Flush	61	1.645	156	8577	164	10621	182	11850	205	14107
4	10.46	.262	3.476	3.351	3 3/8	3.351	Flush	61	1.894	180	8600	189	10651	198	11882	236	14146
4	11.34	.286	3.428	3.303	4.00	3.373	Flush	64	2.150	204	9005	215	11152	225	12442	268	14812
4	12.93	.330	3.340	3.215	4.00	Flush	Flush	61	2.331	221	8563	233	10604	244	11830	291	14084
4 1/2	9.40	.205	4.090	3.965	2 3/16	4.010	Flush	58	1.610	152	8135	161					
4 1/2	10.23	.224	4.052	3.927	2 13/16	3.972	Flush	61	1.840	174	8543	184	10580				
4 1/2	11.35	.250	4.000	3.875	3 1/4	3.945	Flush	62	2.072	196	8671	207	10738	217	11980	259	14262
4 1/2	12.24	.271	3.958	3.833	3 1/4	3.903	Flush	63	2.269	215	8805	226	10904	238	12165	283	14482
4 1/2	13.04	.290	3.920	3.795	4 1/4	3.865	Flush	65	2.501	237	9110	250	11282	262	12586	312	14983
4 1/2	14.98	.337	3.826	3.701	4 1/4	Flush	Flush	62	2.742	260	8710	274	10767	287	12012	342	14300
5	12.83	.253	4.494	4.369	3 3/8	4.439	Flush	60	2.297	218	8504	228	10553	241	11749	287	13986
5	14.87	.296	4.408	4.283	4 1/2	4.353	Flush	66	2.297	274	9234	289	11436	303	12758	361	15188
5	17.93	.362	4.276	4.151	4 1/2	Flush	Flush	61	3.246	308	8599	324	10649	340	11880	405	14143
5	20.63	.422	4.156	4.031	5	Flush	Flush	57	3.460	328	7966	346	9865	383	11006	432	13102
5 1/2	13.70	.244	5.012	4.887	3 7/16	4.932	Flush	64	2.609	247	9045	260	11202	273	12497	326	14877
5 1/2	15.35	.275	4.950	4.825	3 3/4	4.895	Flush	64	2.886	274	8930	288	11059	303	12338	360	14688
5 1/2	16.87	.304	4.892	4.767	3 3/4	4.837	Flush	64	3.217	305	9057	321	11217	337	12514	402	14897
5 1/2	19.81	.361	4.778	4.653	4 1/2	Flush	Flush	61	3.585	340	8596	358	10645	376	11876	448	14138
5 1/2	22.54	.415	4.670	4.545	5	Flush	Flush	57	3.823	363	8056	382	9977	401	11130	447	13250