

## FJHS HOOK CASING LINER PERFORMANCE DATA

PIPE DIMENSIONS					JOINT DIMENSIONS					Parting Load SLFT = String Length in Feet							
Pipe O.D.	P.E. Weight	Wall Thickness	Inside Diameter	Drift Diameter	Pin Length	Flush Joint	Joint Efficiency	Body Area	Critical Area of Joint	K-55 MPL + 95,000 PSI		N-80 or E MPL + 100,000 PSI		C or S95 MPL + 105,00		P105 or P110 MPL + 125,000 PSI	
Inches	Lbs/Ft.	Inches	Inches	Inches	Inches		Percent	Sq. In	Sq. In	MPL	SLFT	MPL	SLFT	MPL	SLFT	MPL	SLFT
										1000 Lbs.	FS = 2	1000 Lbs.	FS = 1.7	1000 Lbs.	FS = 1.6	1000 Lbs.	FS = 1.6
3 1/2	7.58	.216	3.068	2.943	1.750	A.P.I	48	2.229	1.070	101	6705	107	8303				
3 1/2	8.81	.254	2.992	2.867	2.325		55	2.591	1.425	135	7683	142	9514	149	10614	178	12636
3 1/2	9.91	.289	2.922	2.797	2.450		58	2.914	1.690	160	8102	169	8526	177	11191	211	13323
3 1/2	12.31	.368	2.764	2.639	4.060		65	3.620	2.353	223	9080	235	10030	247	12543	294	14933
4	9.11	.226	3.548	3.423	1.825		48	2.679	1.286	122	6705	128	8303	135	9263	160	11028
4	10.46	.262	3.476	3.351	2.955		56	3.076	1.722	163	1823	172	9684	180	10803	215	12861
4	11.34	.286	3.428	3.303	3.025		58	3.335	1.934	183	8102	193	10032	203	11192	241	13323
4	12.93	.330	3.340	3.215	3.100		58	3.803	2.205	209	8102	220	10031	251	11191	275	13323
4 1/2	9.4	.205	4.090	3.965	1.650		46	2.765	1.271	120	6426	127	7953				
4 1/2	10.23	.224	4.052	3.927	1.750		48	3.009	1.444	137	6705	144	8303				
4 1/2	11.35	.250	4.000	3.875	2.250		55	3.338	1.836	174	7683	183	9515	192	10615	229	12637
4 1/2	12.24	.271	3.958	3.833	2.350		58	3.600	2.088	198	8102	208	10034	219	11194	261	13327
4 1/2	13.04	.290	3.920	3.795	2.875		58	3.835	2.224	211	8102	222	10032	233	11192	278	13324
4 1/2	14.98	.337	3.826	3.701	2.555		58	4.405	2.555	242	8102	255	10032	268	11193	319	13325
5	12.83	.253	4.494	4.369	2.557		56	3.773	2.113	200	7823	211	9687				
5	14.87	.296	4.408	4.283	2.688	56	4.373	2.449	232	7823	244	9687	257	10808	306	12866	
5	17.93	.362	4.276	4.151	3.740	66	5.273	3.480	330	9220	348	11416	365	12737	435	15163	
5	20.63	.422	4.156	4.031	4.116	66	6.068	4.004	380	9220	400	11416	420	12736	500	15163	
5 1/2	13.7	.244	5.012	4.887	1.934	48	4.030	1.934	183	6705	193	8303					
5 1/2	15.35	.275	4.950	4.825	2.250	56	4.515	2.528	240	7823	252	9687	265	10807			
5 1/2	16.87	.304	4.892	4.767	2.613	58	4.962	2.877	273	8102	287	10031	302	11191	359	13323	
5 1/2	19.81	.361	4.778	4.653	3.900	66	5.826	3.845	365	9220	384	11417	403	12737	480	15163	
5 1/2	22.54	.415	4.670	4.545	4.285	68	6.629	4.507	428	9500	450	11762	473	13122	563	15621	