ST-L Data

ST-L LOAD SUMMARY

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Tarpon Pipe & Supply

Pipe Data							Connection Data				Load Data								
											J-55			K-55			L-80		
Size OD	Nominal Weight	Plain End Weight	Wall Thick	Nominal ID	API Drift Diameter	Nominal Pipe Body Area	Pin Bored ID	Makeup Loss	Critical Area	Joint Efficiency	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load
in	lbs/ft	lbs/ft	in.	in.	in.	sq in.	in.	in.	sq in.	%	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 lbs
2-3/8	4.70	4.43	0.190	1.995	1.901	1.304	1.920	2.02	0.575	44.1	32	5160	43	32	5160	55	46	7420	55
	5.95	5.75	0.254	1.867	1.773	1.692	1.789	3.10	0.903	53.4	50	6210	68	50	6210	86	72	8940	86
2-7/8	6.50	6.16	0.217	2.441	2.347	1.812	2.377	2.54	0.892	49.2	49	5680	67	49	5680	85	71	8230	85
	7.90	7.66	0.276	2.323	2.229	2.254	2.247	3.47	1.243	55.2	68	6340	93	68	6340	118	99	9230	118
	8.70	8.44	0.308	2.259	2.165	2.484	2.196	3.87	1.407	56.6	77	6520	106	77	6520	134	113	9560	134
3-1/2	7.70	7.58	0.216	3.068	2.943	2.228	2.968	2.75	1.144	51.3	63	5930	86	63	5930	109	92	8630	109
	9.30	8.81	0.254	2.992	2.867	2.590	2.972	3.00	1.295	50.0	71	5760	97	71	5760	123	104	8430	123
	10.30	9.91	0.289	2.922	2.797	2.915	2.845	3.74	1.643	56.4	90	6490	123	90	6490	156	131	9440	156
	12.95	12.52	0.375	2.750	2.625	3.682	2.652	4.31	2.381	64.7	131	7470	179	131	7470	226	190	10840	226
	15.80	15.37	0.476	2.548	2.423	4.522	2.489	5.34	3.016	66.7	166	7710	226	166	7710	287	241	11200	287
4	9.50	9.11	0.226	3.548	3.423	2.680	3.468	2.50	1.259	47.0	69	5410	94	69	5410	120	101	7920	120
	11.00	10.46	0.262	3.478	3.351	3.077	3.387	3.42	1.696	55.1	93	6350	127	93	6350	161	136	9290	161
	11.60	11.34	0.286	3.428	3.303	3.337	3.347	3.75	1.885	56.6	104	6550	141	104	6550	167	151	9510	179
	13.40	12.93	0.330	3.340	3.215	3.805	3.274	4.34	2.223	58.4	122	6740	167	122	6740	191	178	9830	211
4-1/2	9.50	9.40	0.205	4.090	3.965	2.766	4.010	2.46	1.345	48.6	74	5620	101	74	5620	128	108	8210	128
	10.50	10.23	0.224	4.052	3.927	3.009	3.952	2.63	1.460	48.5	80	5590	110	80	5590	139	117	8170	139
	11.00	10.79	0.237	4.026	3.901	3.174	3.944	3.09	1.698	53.5	93	6160	127	93	6160	161	136	9000	161
	11.60	11.35	0.250	4.000	3.875	3.338	3.930	2.87	1.762	52.8	97	6100	132	97	6100	167	141	8870	167
	12.75	12.24	0.271	3.958	3.833	3.600	3.886	3.57	2.011	55.9	111	6480	151	111	6480	191	161	9400	191
	13.50	13.04	0.290	3.920	3.795	3.836	3.854	3.83	2.181	56.9	120	6570	164	120	6570	207	174	9530	207
	15.10	14.98	0.337	3.826	3.701	4.407	3.776	4.47	2.596	58.9	143	6820	195	143	6820	247	208	9920	247
5	13.00	12.83	0.253	4.494	4.369	3.773	4.421	3.25	2.054	54.4	113	6290	154	113	6290	195	164	9130	195
	15.00	14.87	0.296	4.408	4.283	4.374	4.335	3.86	2.494	57.0	137	6580	187	137	6580	237	200	9610	237
	18.00	17.93	0.362	4.276	4.151	5.275	4.206	3.16	3.103	58.8	170	6770	232	170	6770	294	248	9880	294
	20.30	20.01	0.408	4.184	4.059	5.886	4.104	4.75	3.892	66.1	214	7640	292	214	7640	370	311	11100	370
	20.80	20.63	0.422	4.156	4.031	6.069	4.081	4.00	3.729	61.4	205	7100	280	205	7100	354	298	10320	354
	23.20	23.08	0.478	4.044	3.919	6.791	3.975	5.52	4.588	67.6	252	7800	344	252	7800	436	367	11360	436
	24.20	24.03	0.500	4.000	3.875	7.069	4.044	3.57	4.071	57.6	224	6660	305	224	6660	387	326	9690	387
5-1/2	14.00	13.70	0.244	5.012	4.887	4.029	4.941	3.05	2.154	53.5	118	6150	162	118	6150	205	172	8970	205
	15.50	15.35	0.275	4.950	4.825	4.514	4.890	3.00	2.226	49.3	122	5680	167	122	5680	211	178	8280	211
	17.00	16.87	0.304	4.892	4.767	4.962	4.822	3.62	2.786	56.1	153	6490	209	153	6490	265	223	9440	265
	20.00	19.81	0.361	4.778	4.653	5.828	4.708	4.64	3.438	59.0	189	6810	258	189	6810	327	275	9920	327
	23.00	22.54	0.415	4.670	4.545	6.630	4.600	4.20	4.237	63.9	233	7390	318	233	7390	403	339	10740	403
	26.80	26.70	0.500	4.468	4.375	7.854	4.468	5.44	4.979	63.4	274	7330	373	274	7330	473	398	10660	473
	26.00	25.54	0.476	4.548	4.423	7.513	4.492	5.44	5.037	67.0	277	7750	378	277	7750	479	403	11270	479
	28.40	28.13	0.530	4.440	4.315	8.275	4.501	3.76	4.805	58.1	264	6700	360	264	6700	456	384	9750	456
	29.70	29.64	0.562	4.376	4.251	8.718	4.456	3.96	5.096	58.5	280	6750	382	280	6750	484	408	9830	484
	32.00	31.95	0.612	4.276	4.151	9.398	4.406	4.16	5.397	57.4	297	6640	405	297	6640	513	432	9660	513

Load Data																										
N-80			C-90			C-95/T-95			High Collapse-95			P-110			Q-125		
Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load
1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 ft	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 lbs
46	7420	58	52	8380	58	55	8870	60	55	8870	63	63	10160	72	72	11610	78
72	8940	90	81	10060	90	86	10680	95	86	10680	99	99	12300	113	113	14040	122
71	8230	89	80	9280	89	85	9860	94	85	9860	98	98	11360	112	112	12990	120
99	9230	124	112	10440	124	118	11000	131	118	11000	137	137	12780	155	155	14450	168
113	9560	141	127	10750	141	134	11340	148	134	11340	155	155	13120	176	176	14900	190
92	8630	114	103	9710	114	109	10250	120	109	10250	126	126	11860	143	143	13480	154
104	8430	130	117	9490	130	123	9970	136	123	9970	142	142	11510	162	162	13130	175
131	9440	164	148	10670	164	156	11240	173	156	11240	181	181	13050	205	205	14780	222
190	10840	238	214	12210	238	226	12890	250	226	12890	262	262	14950	298	298	17000	321
241	11200	302	271	12590	302	287	13340	317	287	13340	332	332	15430	377	377	17520	407
101	7920	126	113	8860	126	120	9410	132	120	9410	138	138	10820	157	157	12310	170
136	9290	170	153	10450	170	161	10990	178	161	10990	187	187	12770	212	212	14480	229
151	9510	189	170	10710	189	179	11270	198	179	11270	207	207	13040	236	236	14870	254
178	9830	222	200	11050	222	211	11660	233	211	11660	245	245	13530	278	278	15360	300
108	8210	135	121	9190	135	128	9730	141	128	9730	148	148	11250	168	168	12770	182
117	8170	146	131	9150	146	139	9710	153	139	9710	161	161	11240	183	183	12780	197
136	9000	170	153	10130	170	161	10660	178	161	10660	187	187	12380	212	212	14030	229
141	8870	176	159	10010	176	167	10510	185	167	10510	194	194	12210	220	220	13850	238
161	9400	201	181	10560	201	191	11150	211	191	11150	221	221	12900	251	251	14650	271
174	9530	218	196	10740	218	207	11340	229	207	11340	240	240	13150	273	273	14950	294
208	9920	260	234	11160	260	247	11780	273	247	11780	286	286	13640	325	325	15500	350
164	9130	205	185	10300	205	195	10860	216	195	10860	226	226	12580	257	257	14310	277
200	9610	249	224	10760	249	237	11380	262	237	11380	274	274	13160	312	312	14990	337
248	9880	310	279	11110	307	295	11750	325	295	11750	341	341	13580	387	387	15410	418
311	11100	389	350	12490	389	370	13210	409	370	13210	428	428	15280	487	487	17380	525
298	10320	373	336	11630	373	354	12260	392	354	12260	410	410	14200	466	466	16130	503
367	11360	459	413	12780	459	436	13490	482	436	13490	505	505	15630	574	574	17760	619
326	9690	407	366	10880	407	387	11500	427	387	11500	448	448	13320	509	509	15130	550
172	8970	215	194	10110	215	205	10690	226	205	10690	237	237	12360	269	269	14030	291
178	8280	223	200	9310	223	211	9820	234	211	9820	245	245	11400	278	278	12940	301
223	10030	279	251	10620	279	265	11210	293	265	11210	306	306	12980	348	348	14750	376
275	9920	344	309	11140	344	327	11790	361	327	11790	378	378	13630	430	430	15500	464
339	11410	424	381	12080	424	403	12760	445	403	12760	466	466	14770	530	530	16780	572
398	10660	498	448	11990	498	473	12650	523	473	12650	548	548	14650	622	622	16650	672
403	11270	504	453	12670	504	479	13400	529	479	13400	554	554	15490	630	630	17620	680
384	9750	481	432	10970	481	456	11580	505	456	11580	529	529	13430	601	601	15260	649
408	9830	510	459	11060	510	484	11660	535	484	11660	561	561	13520	637	637	15350	688
432	9660	540	486	10870	540	513	11470	567	513	11470	594	594	13280	675	675	15090	729

ST-L Data

ST-L LOAD SUMMARY

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Pipe Data							Connection Data				Load Data								
											J-55			K-55			L-80		
Size OD	Nominal Weight	Plain End Weight	Wall Thick	Nominal ID	API Drift Diameter	Nominal Pipe Body Area	Pin Bored ID	Makeup Loss	Critical Area	Joint Efficiency	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load
in	lbs/ft	lbs/ft	in.	in.	in.	sq in.	in.	in.	sq in.	%	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 lbs
6-5/8	20.00	19.49	0.288	6.049	5.924	5.734	5.987	3.82	3.267	57.0	180	6600	245	180	6600	310	261	9570	310
	24.00	23.58	0.352	5.921	5.796	6.937	5.866	4.74	4.150	59.8	228	6910	311	228	6910	394	332	10060	394
	28.00	27.65	0.417	5.791	5.666	8.133	5.711	4.95	5.437	66.9	299	7720	408	299	7720	517	435	11240	517
	32.00	31.20	0.475	5.675	5.550	9.177	5.610	5.61	6.250	68.1	344	7880	469	344	7880	594	500	11450	594
7	17.00	16.70	0.231	6.538	6.413	4.912	6.466	2.90	2.585	52.6	142	6070	194	142	6070	246	207	8850	246
	20.00	19.54	0.272	6.456	6.331	5.749	6.394	3.50	3.204	55.7	176	6430	240	176	6430	304	256	9360	304
	23.00	22.63	0.317	6.366	6.250	6.655	6.304	4.16	3.871	58.2	213	6720	290	213	6720	368	310	9780	368
	26.00	25.66	0.362	6.276	6.151	7.549	6.211	3.62	4.729	62.7	260	7240	355	260	7240	499	378	10530	449
	29.00	28.72	0.408	6.184	6.059	8.449	6.189	4.09	5.403	63.9	297	7390	405	297	7390	513	432	10740	513
	32.00	31.67	0.453	6.094	6.000	9.317	6.026	5.28	6.245	67.0	343	7740	468	343	7740	593	500	11280	593
	35.00	34.58	0.498	6.004	5.879	10.172	5.945	5.79	6.911	67.9	380	7850	518	380	7850	657	553	11420	657
7	38.00	37.26	0.540	5.920	5.795	10.959	5.850	6.27	7.520	68.6	414	7940	564	414	7940	714	602	11540	714
	41.00	40.39	0.590	5.820	5.695	11.881	5.750	6.68	8.057	67.8	443	7830	604	443	7830	644	644	11390	765
	44.00	43.47	0.640	5.720	5.595	12.788	5.747	4.44	8.312	65.0	457	7510	623	457	7510	790	665	10930	790
	46.40	45.30	0.670	5.660	5.535	13.324	5.707	4.81	8.609	64.6	473	7460	646	473	7460	818	689	10860	818
	49.50	48.88	0.730	5.540	5.415	14.379	5.540	7.25	9.810	68.2	540	7890	736	540	7880	932	785	11470	932
7-5/8	24.00	23.47	0.300	7.025	6.900	6.904	6.955	2.89	3.964	57.4	218	6630	297	218	6630	377	317	9650	377
	26.40	25.56	0.328	6.969	6.844	7.519	6.889	4.29	4.373	58.2	241	6730	328	241	6730	415	350	9780	415
	29.70	29.04	0.375	6.875	6.750	8.541	6.782	4.39	5.550	65.0	305	7500	416	305	7500	527	444	10920	527
	33.70	33.04	0.430	6.765	6.640	9.720	6.686	5.03	6.489	66.8	357	7720	487	357	7720	616	519	11220	616
	39.00	38.05	0.500	6.625	6.500	11.192	6.565	4.84	7.135	63.8	392	7360	535	392	7360	678	571	10720	678
	42.80	42.39	0.562	6.501	6.376	12.470	6.453	6.60	8.668	69.5	477	8040	650	477	8040	823	693	11680	823
	45.30	44.67	0.595	6.435	6.310	13.141	6.397	6.97	9.191	69.9	506	8090	689	506	8090	873	735	11750	873
	47.10	46.73	0.625	6.375	6.250	13.744	6.347	7.31	9.653	70.2	531	8120	724	531	8120	917	772	11800	917
	51.20	50.91	0.687	6.251	6.126	14.974	6.390	4.99	9.050	60.4	498	6990	679	498	6990	860	724	10160	860
	53.06	52.57	0.712	6.201	6.076	15.463	6.384	5.07	9.218	59.6	507	6890	691	507	6890	876	737	10010	876
7-3/4	46.10	45.47	0.595	6.560	6.500	13.374	6.555	6.92	9.303	69.6	512	8040	698	512	8040	884	744	11690	884
8-5/8	24.00	23.57	0.264	8.097	7.972	6.934	8.032	3.23	3.788	54.6	208	6300	284	208	6300	360	303	9180	360
	28.00	27.02	0.304	8.017	7.892	7.947	7.962	3.83	4.536	57.1	249	6580	340	249	6580	431	363	9600	431
	32.00	31.10	0.352	7.921	7.875	9.149	7.880	4.53	5.423	59.3	298	6840	407	298	6840	515	434	9970	515
	36.00	35.14	0.400	7.825	7.700	10.336	7.753	4.63	6.819	66.0	375	7620	511	375	7620	648	546	11100	648
	40.00	39.29	0.450	7.725	7.625	11.557	7.665	5.22	7.778	67.3	428	7780	583	428	7780	739	622	11310	739
	44.00	43.39	0.500	7.625	7.500	12.763	7.669	3.65	7.423	58.2	408	6720	557	408	6720	705	594	9780	705
	49.00	48.00	0.557	7.511	7.386	14.118	7.583	4.05	8.338	59.1	459	6820	625	459	6820	792	667	9930	792
9-5/8	36.00	34.86	0.352	8.921	8.765	10.254	8.875	4.71	6.147	59.9	338	6930	461	338	6930	584	492	10800	584
	40.00	38.94	0.395	8.835	8.750	11.454	8.797	3.57	6.865	59.9	378	6930	515	378	6930	652	549	10070	652
	43.50	42.69	0.435	8.755	8.599	12.559	8.680	5.09	8.361	66.5	460	7690	627	460	7690	794	669	11190	794
	47.00	46.14	0.472	8.681	8.525	13.572	8.646	5.50	8.961	66.0	493	7630	672	493	7630	851	717	11100	851
	53.50	52.85	0.545	8.535	8.500	15.546	8.565	5.50	9.780	62.9	538	7270	734	538	7270	929	782	10570	929
	58.40	57.38	0.595	8.435	8.375	16.879	8.459	5.69	10.970	65.0	603	7510	823	603	7510	1042	878	10930	1042
9-7/8	62.80	61.74	0.625	8.625	8.469	18.162	8.565	7.34	12.769	70.3	702	8120	958	702	8120	1213	1022	11820	1213
10-3/4	40.50	38.88	0.350	10.050	9.894	11.435	10.008	4.64	6.854	59.9	377	6930	514	377	6930	651	548	10070	651

		Load Data																	
		N-80			C-90			C-95/T-95			High Collapse-95			P-110			Q-125		
Size OD	Nominal Weight	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load
in	lbs/ft	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 ft	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 lbs
6-5/8	20.00	261	9570	327	294	10770	327	310	11360	343	310	11360	359	359	13160	408	408	14950	441
	24.00	332	10060	415	374	11330	415	394	11940	436	394	11940	457	457	13840	519	519	15720	560
	28.00	435	11240	544	489	12630	544	517	13360	571	517	13360	598	598	15450	680	680	17570	734
	32.00	500	11450	625	563	12890	625	594	13600	656	594	13600	688	688	15750	781	781	17880	844
7	17.00	207	8850	259	233	9970	259	246	10520	271	246	10520	284	284	12150	323	323	13820	349
	20.00	256	9360	320	288	10530	320	304	11110	336	304	11110	352	352	12870	401	401	14660	433
	23.00	310	9780	387	348	10980	387	368	11620	406	368	11620	426	426	13450	484	484	15280	523
	26.00	378	11190	473	426	11850	473	449	12510	497	449	12510	520	520	14480	591	591	16460	638
	29.00	432	10740	540	486	12090	540	513	12760	567	513	12760	594	594	14770	675	675	16790	729
	32.00	500	11280	625	562	12680	625	593	13370	656	593	13370	687	687	15490	781	781	17610	843
	35.00	553	11420	691	622	12850	691	657	13570	726	657	13570	760	760	15700	864	864	17850	933
7	38.00	602	11540	752	677	12980	752	714	13690	790	714	13690	827	827	15850	940	940	18020	1015
	41.00	684	12100	805	725	12810	805	765	13353	845	765	13530	886	886	15660	1006	1006	17800	1087
	44.00	665	10930	831	748	12290	831	790	12980	873	790	12980	914	914	15020	1039	1039	17070	1122
	46.40	689	10860	861	775	12220	861	818	12900	904	818	12900	947	947	14930	1076	1076	16970	1162
	49.50	785	11470	981	883	12900	981	932	13620	1030	932	13620	1079	1079	15770	1226	1226	17920	1324
7-5/8	24.00	317	9650	396	357	10860	396	377	11470	416	377	11470	436	436	13270	496	496	15100	535
	26.40	350	9780	437	394	11010	437	415	11600	459	415	11600	481	481	13440	547	547	15290	590
	29.70	444	10920	555	500	12300	555	527	12960	583	527	12960	611	611	15030	694	694	17070	749
	33.70	519	11920	649	584	12630	649	616	13330	681	616	13330	714	714	15430	811	811	17540	876
	39.00	571	10720	714	642	12050	714	678	12730	749	678	12730	785	785	14740	892	892	16740	963
	42.80	693	11680	867	780	13140	867	823	13870	910	823	13870	953	953	16060	1084	1084	18270	1170
	45.30	735	11750	919	827	13220	919	873	13960	965	873	13960	1011	1011	16170	1149	1149	18370	1241
	47.10	772	11800	965	869	13280	965	917	14020	1014	917	14020	1062	1062	16230	1207	1207	18450	1303
	51.20	724	10160	905	815	11430	905	860	12070	950	860	12070	996	996	13970	1131	1131	15870	1222
	53.06	737	10010	922	830	11280	922	876	11900	968	876	11900	1014	1014	13780	1152	1152	15650	1244
7-3/4	46.10	744	11690	930	837	13150	930	884	13890	977	884	13890	1023	1023	16070	1163	1163	18270	1256
8-5/8	24.00	303	9180	379	341	10330	379	360	10910	398	360	10910	417	417	12640	474	474	14360	511
	28.00	363	9600	454	408	10790	454	431	11390	476	431	11390	499	499	13190	567	567	14990	612
	32.00	434	9970	542	488	11210	542	515	11830	569	515	11830	597	597	13710	678	678	15570	732
	36.00	546	11100	682	614	12480	682	648	13170	716	648	13170	750	750	15250	852	852	17320	921
	40.00	622	11310	778	700	12730	778	739	13430	817	739	13430	856	856	15560	972	972	17670	1050
	44.00	594	9780	742	668	11000	742	705	11610	779	705	11610	817	817	13450	928	928	15280	1002
	49.00	667	9930	834	750	11170	834	792	11790	875	792	11790	917	917	13650	1042	1042	15510	1126
9-5/8	36.00	492	10080	615	553	11340	615	584	11970	645	584	11970	676	676	13850	768	768	15740	830
	40.00	549	10070	687	618	11340	687	652	11960	721	652	11960	755	755	13850	858	858	15740	927
	43.50	669	11190	836	752	12590	836	794	13290	878	794	13290	920	920	15390	1045	1045	17490	1129
	47.00	717	11100	896	806	12480	896	851	13170	941	851	13170	986	986	15260	1120	1120	17340	1210
	53.50	782	10570	978	880	11890	978	929	12560	1027	929	12560	1076	1076	14540	1223	1223	16530	1320
	58.40	878	10930	1097	987	12290	1097	1042	12970	1152	1042	12970	1207	1207	15030	1371	1371	17070	1481
9-7/8	62.80	1022	11820	1277	1149	13290	1277	1213	14030	1341	1213	14030	1405	1405	16250	1596	1596	18460	1724
10-3/4	40.50	548	10070	685	617	11340	685	651	11960	720	651	11960	754	754	13850	857	857	15740	925

ST-L Data

ST-L LOAD SUMMARY

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Tarpon Pipe & Supply

Pipe Data							Connection Data				Load Data								
											J-55			K-55			L-80		
Size OD	Nominal Weight	Plain End Weight	Wall Thick	Nominal ID	API Drift Diameter	Nominal Pipe Body Area	Pin Bored ID	Makeup Loss	Critical Area	Joint Efficiency	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load
in	lbs/ft	lbs/ft	in.	in.	in.	sq in.	in.	in.	sq in.	%	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 lbs
10-3/4	40.50	38.88	0.350	10.050	9.894	11.435	10.008	4.64	6.854	59.9	377	6930	514	377	6930	651	548	10070	651
	45.50	44.22	0.400	9.950	9.875	13.006	9.936	4.99	7.796	59.9	429	6930	585	429	6930	741	624	10080	741
	51.00	49.50	0.450	9.850	9.694	14.561	9.764	5.27	9.831	67.5	541	7810	737	541	7810	934	786	11340	934
	55.50	54.21	0.495	9.760	9.625	15.947	9.802	5.59	9.559	59.9	526	6930	717	526	6930	908	765	10080	908
	60.70	59.40	0.545	9.660	9.504	17.473	9.585	5.91	12.175	69.7	670	8060	913	670	8060	1157	974	11710	1157
	65.70	64.53	0.595	9.560	9.404	18.982	9.665	6.22	11.378	59.9	626	6930	853	626	6930	1083	910	10070	1083
11-3/4	60.00	58.81	0.489	10.772	10.625	17.300	10.815	5.52	10.369	59.9	570	6920	778	570	6920	985	830	10080	985
	65.00	63.97	0.534	10.682	10.625	18.816	10.699	5.61	11.067	58.8	609	6800	830	609	6800	1051	885	9880	1051
	71.00	69.42	0.582	10.586	10.430	20.420	10.687	6.11	12.240	59.9	673	6920	918	673	6920	1163	979	10070	1163
	74.60	73.47	0.618	10.514	10.358	21.613	10.638	6.31	12.955	59.9	713	6930	972	713	6930	1231	1036	10070	1231
11-7/8	71.80	70.19	0.582	10.711	10.555	20.648	10.812	6.11	12.377	59.9	681	6930	928	681	6930	1176	990	10070	1176
13-3/8	61.00	59.45	0.430	12.515	12.359	17.487	12.531	5.10	10.482	59.9	577	6930	786	577	6930	996	839	10080	996
	68.00	66.10	0.480	12.415	12.259	19.445	12.461	5.41	11.656	59.9	641	6930	874	641	6930	1107	932	10070	1107
	72.00	70.60	0.514	12.347	12.250	20.768	12.298	6.03	14.339	69.0	789	7980	1075	789	7980	1362	1147	11600	1362
	77.00	75.33	0.550	12.275	12.119	22.160	12.363	5.86	13.283	59.9	731	6930	996	731	6930	1262	1063	10080	1262
	85.00	82.90	0.608	12.159	12.003	24.386	12.284	6.19	14.617	59.9	804	6930	1096	804	6930	1389	1169	10070	1389
13-5/8	88.20	86.78	0.625	12.375	12.219	25.525	12.343	7.34	18.048	70.7	993	8170	1354	993	8170	1715	1444	11890	1715

Load Data

		N-80			C-90			C-95/T-95			High Collapse-95			P-110			Q-125		
Size OD	Nominal Weight	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load	Tensile Joint Strength	Reference String Length DF = 1.4	Reference Minimum Parting Load
in	lbs/ft	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 ft	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 lbs
10-3/4	40.50	548	10070	685	617	11340	685	651	11960	720	651	11960	754	754	13850	857	857	15740	925
	45.50	624	10080	780	702	11340	780	741	11970	819	741	11970	858	858	13860	975	975	15750	1052
	51.00	786	11340	983	885	12770	983	934	13480	1032	934	13480	1081	1081	15600	1229	1229	17730	1327
	55.50	765	10080	956	860	11330	956	908	11960	1004	908	11960	1051	1051	13850	1195	1195	15750	1290
	60.70	974	11710	1218	1096	13180	1218	1157	13910	1278	1157	13910	1339	1339	16100	1522	1522	18300	1644
	65.70	910	10070	1138	1024	11330	1138	1081	11970	1195	1081	11970	1252	1252	13860	1422	1422	15740	1536
11-3/4	60.00	830	10080	1037	933	11330	1037	985	11960	1089	985	11960	1141	1141	13860	1296	1296	15740	1400
	65.00	885	9880	1107	996	11120	1107	1051	11740	1162	1051	11740	1217	1217	13590	1383	1383	15440	1494
	71.00	979	10070	1224	1102	11340	1224	1163	11970	1285	1163	11970	1346	1346	13850	1530	1530	15740	1652
	74.60	1036	10070	1296	1166	11340	1296	1231	11970	1360	1231	11970	1425	1425	13850	1619	1619	15740	1749
11-7/8	71.80	990	10070	1238	1114	11340	1238	1176	11970	1300	1176	11970	1361	1361	13850	1547	1547	15740	1671
13-3/8	61.00	839	10080	1048	943	11330	1048	996	11970	1101	996	11970	1153	1153	13850	1310	1310	15740	1415
	68.00	932	10070	1166	1049	11340	1166	1107	11960	1224	1107	11960	1282	1282	13850	1457	1457	15740	1574
	72.00	1147	11600	1434	1291	13060	1434	1362	13780	1506	1362	13780	1577	1577	15960	1792	1792	18130	1936
	77.00	1063	10080	1328	1195	11330	1328	1262	11970	1395	1262	11970	1461	1461	13850	1660	1660	15740	1793
	85.00	1169	10070	1462	1316	11340	1462	1389	11970	1535	1389	11970	1608	1608	13850	1827	1827	15740	1973
13-5/8	88.20	1444	11890	1805	1624	13370	1804	1714	14110	1895	1714	14110	1895	1985	15600	2256	2256	18570	2436