

FL-4S Data

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Pipe Data							Connection Data				Load Data			Load Data											
Size OD	Nominal Weight	Plain End Weight	Wall Thickness	Nominal I.D.	Nominal Pipe Body Area	API Drift Diameter	Pin I.D. Bored	Makeup Loss	Critical Area	Joint Efficiency	J-55			K-55			L-80			N-80			P-110		
											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	lbs/ft	in.	in.	sq in.	in.	in.	sq in.	%	1000 lbs	ft	1000 lbs	1000 lbs	ft	1000 lbs	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	1.304	1.901	1.941	1.52	0.531	40.7	29	4680	40	29	4680	50	42	6770	50	42	6770	53	58	9350	66
	5.95	5.75	0.254	1.867	1.692	1.773	1.838	2.05	0.877	51.8	48	5960	66	48	5960	83	70	8700	83	70	8700	88	97	12050	110
2-7/8	6.50	6.16	0.217	2.441	1.812	2.347	2.387	1.47	0.751	41.4	41	4750	56	41	4750	71	60	6960	71	60	6960	75	83	9620	94
	7.90	7.66	0.276	2.323	2.254	2.229	2.289	2.10	1.175	52.1	65	6060	88	65	6060	112	94	8770	112	94	8770	117	129	12030	147
3-1/2	7.70	7.58	0.216	3.068	2.228	2.943	2.983	1.64	0.927	41.6	51	4810	70	51	4810	88	74	6970	88	74	6970	93	102	9610	116
	9.30	8.81	0.254	2.992	2.590	2.867	2.932	2.05	1.343	51.8	74	6000	101	74	6000	128	107	8680	128	107	8680	134	148	12000	168
	10.30	9.91	0.289	2.922	2.915	2.797	2.862	2.13	1.458	50.0	80	5770	109	80	5770	138	117	8430	138	117	8680	146	160	11530	182
	12.95	12.52	0.375	2.750	3.682	2.625	2.690	3.85	2.312	62.8	127	7250	173	127	7250	220	185	10550	220	185	10550	231	254	14490	289
4	9.50	9.11	0.226	3.548	2.680	3.423	3.463	1.68	1.111	41.5	61	4780	83	61	4780	106	89	6980	106	89	6980	111	122	9570	139
	11.00	10.46	0.262	3.476	3.077	3.351	3.416	2.07	1.615	52.5	89	6080	121	89	6080	153	129	8810	153	129	8810	162	178	12160	202
	11.60	11.34	0.286	3.428	3.337	3.303	3.368	2.12	1.746	52.3	96	6050	131	96	6050	166	140	8820	166	140	8820	175	192	12090	218
4-1/2	9.50	9.40	0.205	4.090	2.766	3.965	4.005	1.59	1.136	41.1	62	4710	85	62	4710	108	91	6910	108	91	6910	114	125	9500	142
	10.50	10.23	0.224	4.052	3.009	3.927	3.967	1.67	1.253	41.6	69	4820	94	69	4820	119	100	6980	119	100	6980	125	138	9640	157
	11.00	10.79	0.237	4.026	3.174	3.901	3.941	1.73	1.327	41.8	73	4830	100	73	4830	126	106	7020	126	106	7020	133	146	9670	166
	11.60	11.35	0.250	4.000	3.338	3.875	3.940	2.11	1.728	51.8	95	5980	130	95	5980	164	138	8680	164	138	8680	173	190	11960	216
	12.75	12.24	0.271	3.958	3.600	3.833	3.898	2.05	1.879	52.2	103	6010	141	103	6010	178	150	8750	178	150	8750	188	207	12080	235
	13.50	13.04	0.290	3.920	3.836	3.795	3.860	2.13	2.012	52.5	111	6080	151	111	6080	191	161	8820	191	161	8820	201	221	12110	252
5	11.50	11.23	0.220	4.560	3.304	4.435	4.475	1.65	1.370	41.5	75	4770	103	75	4770	130	110	7000	130	110	7000	137	151	9600	171
	13.00	12.83	0.253	4.494	3.773	4.369	4.434	2.06	1.958	51.9	108	6010	147	108	6010	186	157	8740	186	157	8740	196	215	11970	245
	15.00	14.87	0.296	4.408	4.374	4.283	4.348	2.14	2.298	52.5	126	6050	172	126	6050	218	184	8840	218	184	8840	230	253	12150	287
	18.00	17.93	0.362	4.276	5.275	4.151	4.216	3.82	3.310	62.8	182	7250	248	182	7250	314	265	10560	314	265	10560	331	364	14500	414
5-1/2	14.00	13.70	0.244	5.012	4.029	4.887	4.927	1.76	1.676	41.6	92	4800	126	92	4800	159	134	6990	159	134	6990	168	184	9590	210
	15.50	15.35	0.275	4.950	4.514	4.825	4.890	2.10	2.356	52.2	130	6050	177	130	6050	224	188	8750	224	188	8750	236	259	12050	194
	17.00	16.87	0.304	4.892	4.962	4.767	4.832	2.15	2.607	52.5	143	6050	196	143	6050	248	209	8850	248	209	8850	261	287	12150	326
	20.00	19.81	0.361	4.778	5.828	4.653	4.718	3.83	3.669	63.0	202	7280	275	202	7280	349	294	10600	349	294	10600	367	404	14570	459
	23.00	22.54	0.415	4.670	6.630	4.545	4.610	4.16	4.193	63.2	231	7320	314	231	7320	398	335	10620	398	335	10620	419	461	14610	524