

RowStatus	Size	FILENAME	Part Number [Project]	STOCKNUMBER	NAME	MAS [lb]	AREA [in^2]	MATERIAL	SHAPE	Shape	od [in]	t [in]	t_1 [in]	Length [in]	ND	SN	ID [in]	D/t	Ix [in^4]	Zx [in^4]	Sx [in^3]	rx [in]
1	Pipe 1/2 Sch 40	Pipe 1/2 Sch 40 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 1/2 Sch 40	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	0.85	0.234	Steel, A500	Pipe	P	0.84	0.101	0.109	12	1/2	40	0.622	8.32	0.016	0.0555	0.0388	0.264
2	Pipe 1/2 Sch 80	Pipe 1/2 Sch 80 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 1/2 Sch 80	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	1.09	0.303	Steel, A500	Pipe	XP	0.84	0.137	0.147	12	1/2	80	0.546	6.13	0.019	0.0686	0.0462	0.253
3	Pipe 3/4 Sch 40	Pipe 3/4 Sch 40 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 3/4 Sch 40	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	1.13	0.312	Steel, A500	Pipe	P	1.05	0.105	0.113	12	3/4	40	0.824	10	0.035	0.0942	0.0671	0.336
4	Pipe 3/4 Sch 80	Pipe 3/4 Sch 80 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 3/4 Sch 80	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	1.48	0.407	Steel, A500	Pipe	XP	1.05	0.143	0.154	12	3/4	80	0.742	7.34	0.043	0.119	0.0818	0.325
5	Pipe 1 Sch 40	Pipe 1 Sch 40 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 1 Sch 40	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	1.68	0.469	Steel, A500	Pipe	P	1.32	0.124	0.133	12	1	40	1.05	10.6	0.083	0.177	0.126	0.423
6	Pipe 1 Sch 80	Pipe 1 Sch 80 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 1 Sch 80	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	2.17	0.602	Steel, A500	Pipe	XP	1.32	0.166	0.179	12	1	80	0.957	7.92	0.101	0.221	0.154	0.41
7	Pipe 1 1/4 Sch 40	Pipe 1 1/4 Sch 40 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 1 1/4 Sch 40	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	2.27	0.625	Steel, A500	Pipe	P	1.66	0.13	0.14	12	1 1/4	40	1.38	12.8	0.184	0.305	0.222	0.543
8	Pipe 1 1/4 Sch 80	Pipe 1 1/4 Sch 80 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 1 1/4 Sch 80	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	3	0.837	Steel, A500	Pipe	XP	1.66	0.178	0.191	12	1 1/4	80	1.28	9.33	0.231	0.393	0.278	0.528
9	Pipe 1 1/2 Sch 40	Pipe 1 1/2 Sch 40 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 1 1/2 Sch 40	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	2.72	0.749	Steel, A500	Pipe	P	1.9	0.135	0.145	12	1 1/2	40	1.61	14.1	0.293	0.421	0.309	0.626
10	Pipe 1 1/2 Sch 80	Pipe 1 1/2 Sch 80 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 1 1/2 Sch 80	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	3.63	1	Steel, A500	Pipe	XP	1.9	0.186	0.2	12	1 1/2	80	1.5	10.2	0.372	0.549	0.392	0.61
11	Pipe 2 Sch 40	Pipe 2 Sch 40 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 2 Sch 40	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	3.66	1.02	Steel, A500	Pipe	P	2.38	0.143	0.154	12	2	40	2.07	16.6	0.627	0.713	0.528	0.791
12	Pipe 2 Sch 80	Pipe 2 Sch 80 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 2 Sch 80	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	5.03	1.4	Steel, A500	Pipe	XP	2.38	0.204	0.218	12	2	80	1.94	11.7	0.827	0.964	0.696	0.771
13	Pipe 2 Sch XXS	Pipe 2 Sch XXS - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 2 Sch XXS	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	9.04	2.51	Steel, A500	Pipe	XXP	2.38	0.406	0.436	12	2	XXS	1.5	5.85	1.27	1.6	1.07	0.711
14	Pipe 2 1/2 Sch 40	Pipe 2 1/2 Sch 40 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 2 1/2 Sch 40	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	5.8	1.61	Steel, A500	Pipe	P	2.88	0.189	0.203	12	2 1/2	40	2.47	15.2	1.45	1.37	1.01	0.952
15	Pipe 2 1/2 Sch 80	Pipe 2 1/2 Sch 80 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 2 1/2 Sch 80	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	7.67	2.1	Steel, A500	Pipe	XP	2.88	0.257	0.276	12	2 1/2	80	2.32	11.2	1.83	1.77	1.27	0.93
16	Pipe 2 1/2 Sch XXS	Pipe 2 1/2 Sch XXS - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 2 1/2 Sch XXS	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	13.7	3.83	Steel, A500	Pipe	XXP	2.88	0.514	0.552	12	2 1/2	XXS	1.77	5.59	2.78	2.91	1.94	0.854
17	Pipe 3 Sch 40	Pipe 3 Sch 40 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 3 Sch 40	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	7.58	2.07	Steel, A500	Pipe	P	3.5	0.201	0.216	12	3	40	3.07	17.4	2.85	2.19	1.63	1.17
18	Pipe 3 Sch 80	Pipe 3 Sch 80 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 3 Sch 80	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	10.3	2.83	Steel, A500	Pipe	XP	3.5	0.28	0.3	12	3	80	2.9	12.5	3.7	2.91	2.11	1.14
19	Pipe 3 Sch XXS	Pipe 3 Sch XXS - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 3 Sch XXS	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	18.6	5.17	Steel, A500	Pipe	XXP	3.5	0.559	0.6	12	3	XXS	2.3	6.26	5.79	4.89	3.31	1.06
20	Pipe 3 1/2 Sch 40	Pipe 3 1/2 Sch 40 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 3 1/2 Sch 40	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	9.12	2.5	Steel, A500	Pipe	P	4	0.211	0.226	12	3 1/2	40	3.55	19	4.52	3.03	2.26	1.34
21	Pipe 3 1/2 Sch 80	Pipe 3 1/2 Sch 80 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 3 1/2 Sch 80	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	12.5	3.43	Steel, A500	Pipe	XP	4	0.296	0.318	12	3 1/2	80	3.36	13.5	5.94	4.07	2.97	1.31
22	Pipe 4 Sch 40	Pipe 4 Sch 40 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 4 Sch 40	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	10.8	2.96	Steel, A500	Pipe	P	4.5	0.221	0.237	12	4	40	4.03	20.4	6.82	4.05	3.03	1.51
23	Pipe 4 Sch 80	Pipe 4 Sch 80 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 4 Sch 80	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	15	4.14	Steel, A500	Pipe	XP	4.5	0.315	0.337	12	4	80	3.83	14.3	9.12	5.53	4.05	1.48
24	Pipe 4 Sch XXS	Pipe 4 Sch XXS - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 4 Sch XXS	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	27.6	7.66	Steel, A500	Pipe	XXP	4.5	0.628	0.674	12	4	XXS	3.15	7.17	14.7	9.5	6.53	1.39
25	Pipe 5 Sch 40	Pipe 5 Sch 40 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 5 Sch 40	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	14.6	4.01	Steel, A500	Pipe	P	5.56	0.241	0.258	12	5	40	5.05	23.1	14.3	6.83	5.14	1.88
26	Pipe 5 Sch 80	Pipe 5 Sch 80 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 5 Sch 80	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	20.8	5.73	Steel, A500	Pipe	XP	5.56	0.349	0.375	12	5	80	4.81	15.9	19.5	9.5	7.02	1.85
27	Pipe 5 Sch XXS	Pipe 5 Sch XXS - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 5 Sch XXS	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	38.6	10.7	Steel, A500	Pipe	XXP	5.56	0.699	0.75	12	5	XXS	4.06	7.96	32.2	16.7	11.6	1.74
28	Pipe 6 Sch 40	Pipe 6 Sch 40 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 6 Sch 40	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	19	5.2	Steel, A500	Pipe	P	6.63	0.261	0.28	12	6	40	6.07	25.4	26.5	10.6	7.99	2.25
29	Pipe 6 Sch 80	Pipe 6 Sch 80 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 6 Sch 80	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	28.6	7.83	Steel, A500	Pipe	XP	6.63	0.403	0.432	12	6	80	5.76	16.4	38.3	15.6	11.6	2.2
30	Pipe 6 Sch XXS	Pipe 6 Sch XXS - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 6 Sch XXS	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	53.2	14.7	Steel, A500	Pipe	XXP	6.63	0.805	0.864	12	6	XXS	4.9	8.23	63.5	27.4	19.2	2.08
31	Pipe 8 Sch 40	Pipe 8 Sch 40 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 8 Sch 40	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	28.6	7.85	Steel, A500	Pipe	P	8.63	0.3	0.322	12	8	40	7.98	28.8	68.1	20.8	15.8	2.95
32	Pipe 8 Sch 80	Pipe 8 Sch 80 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 8 Sch 80	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	43.4	11.9	Steel, A500	Pipe	XP	8.63	0.465	0.5	12	8	80	7.63	18.5	100	31	23.1	2.89
33	Pipe 8 Sch XXS	Pipe 8 Sch XXS - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 8 Sch XXS	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	72.5	20	Steel, A500	Pipe	XXP	8.63	0.816	0.875	12	8	XXS	6.88	10.6	154	49.9	35.8	2.78
34	Pipe 10 Sch 40	Pipe 10 Sch 40 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 10 Sch 40	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	40.5	11.5	Steel, A500	Pipe	P	10.8	0.34	0.365	12	10	40	10	31.6	151	36.9	28.1	3.68
35	Pipe 10 Sch 80	Pipe 10 Sch 80 - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 10 Sch 80	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	54.8	15.1	Steel, A500	Pipe	XP	10.8	0.465	0.5	12	10	80	9.75	23.1	199	49.2	37	3.64
36	Pipe 12 Sch Std	Pipe 12 Sch Std - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 12 Sch Std	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	49.6	13.7	Steel, A500	Pipe	P	12.8	0.349	0.375	12	12	Std	12	36.5	262	53.7	41	4.39
37	Pipe 12 Sch XS	Pipe 12 Sch XS - 12 Lg	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	Pipe 12 Sch XS	=<SHAPE> <G_D_Nom> Sch <SCH> - <G_L> Lg	65.5	17.5	Steel, A500	Pipe	XP	12.8	0.465	0.5	12	12	XS	11.8	27.4	339	70.2	53.2	4.35

RowStatus	Mass (kg/m) [pound/foot]	Shape	Designation	Diameter [inch]	Thickness [inch]	Material	Length [inch]	Size Designation	File Name	Diameter	Schedule	ID	Material	PN
1	0.186765455...	Pipe	ø1/8 Sch 10S (0.049 Wall)	0.405	0.049	Steel, A106	10	ø1/8 Sch 10S (0.049 Wall) - 10 Lg	Pipe - Steel, A106 - ø1/8 Sch 10S (0.049 Wall) - 10 Lg	1/8	10S	0.307	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
2	0.245351822...	Pipe	ø1/8 Sch 40-Std-40S (0.068 Wall)	0.405	0.068	Steel, A106	10	ø1/8 Sch 40-Std-40S (0.068 Wall) - 10 Lg	Pipe - Steel, A106 - ø1/8 Sch 40-Std-40S (0.068 Wall) - 10 Lg	1/8	40-Std-...	0.269	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
3	0.31530856896	Pipe	ø1/8 Sch 80-XS-80S (0.095 Wall)	0.405	0.095	Steel, A106	10	ø1/8 Sch 80-XS-80S (0.095 Wall) - 10 Lg	Pipe - Steel, A106 - ø1/8 Sch 80-XS-80S (0.095 Wall) - 10 Lg	1/8	80-XS-80S	0.215	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
4	0.3305654352	Pipe	ø1/4 Sch 10S (0.065 Wall)	0.540	0.065	Steel, A106	10	ø1/4 Sch 10S (0.065 Wall) - 10 Lg	Pipe - Steel, A106 - ø1/4 Sch 10S (0.065 Wall) - 10 Lg	1/4	10S	0.41	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
5	0.425864639...	Pipe	ø1/4 Sch 40-Std-40S (0.088 Wall)	0.540	0.088	Steel, A106	10	ø1/4 Sch 40-Std-40S (0.088 Wall) - 10 Lg	Pipe - Steel, A106 - ø1/4 Sch 40-Std-40S (0.088 Wall) - 10 Lg	1/4	40-Std-...	0.364	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
6	0.536388590...	Pipe	ø1/4 Sch 80-XS-80S (0.119 Wall)	0.540	0.119	Steel, A106	10	ø1/4 Sch 80-XS-80S (0.119 Wall) - 10 Lg	Pipe - Steel, A106 - ø1/4 Sch 80-XS-80S (0.119 Wall) - 10 Lg	1/4	80-XS-80S	0.302	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
7	0.42451561152	Pipe	ø3/8 Sch 10S (0.065 Wall)	0.675	0.065	Steel, A106	10	ø3/8 Sch 10S (0.065 Wall) - 10 Lg	Pipe - Steel, A106 - ø3/8 Sch 10S (0.065 Wall) - 10 Lg	3/8	10S	0.545	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
8	0.568990104...	Pipe	ø3/8 Sch 40-Std-40S (0.091 Wall)	0.675	0.091	Steel, A106	10	ø3/8 Sch 40-Std-40S (0.091 Wall) - 10 Lg	Pipe - Steel, A106 - ø3/8 Sch 40-Std-40S (0.091 Wall) - 10 Lg	3/8	40-Std-...	0.493	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
9	0.740616466...	Pipe	ø3/8 Sch 80-XS-80S (0.126 Wall)	0.675	0.126	Steel, A106	10	ø3/8 Sch 80-XS-80S (0.126 Wall) - 10 Lg	Pipe - Steel, A106 - ø3/8 Sch 80-XS-80S (0.126 Wall) - 10 Lg	3/8	80-XS-80S	0.423	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
10	0.5393436048	Pipe	ø1/2 Sch 5S (0.065 Wall)	0.84	0.065	Steel, A106	10	ø1/2 Sch 5S (0.065 Wall) - 10 Lg	Pipe - Steel, A106 - ø1/2 Sch 5S (0.065 Wall) - 10 Lg	1/2	5S	0.71	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
11	0.672704675...	Pipe	ø1/2 Sch 10S (0.083 Wall)	0.84	0.083	Steel, A106	10	ø1/2 Sch 10S (0.083 Wall) - 10 Lg	Pipe - Steel, A106 - ø1/2 Sch 10S (0.083 Wall) - 10 Lg	1/2	10S	0.674	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
12	0.853089014...	Pipe	ø1/2 Sch 40-Std-40S (0.109 Wall)	0.84	0.109	Steel, A106	10	ø1/2 Sch 40-Std-40S (0.109 Wall) - 10 Lg	Pipe - Steel, A106 - ø1/2 Sch 40-Std-40S (0.109 Wall) - 10 Lg	1/2	40-Std-...	0.622	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
13	1.090689277...	Pipe	ø1/2 Sch 80-XS-80S (0.147 Wall)	0.84	0.147	Steel, A106	10	ø1/2 Sch 80-XS-80S (0.147 Wall) - 10 Lg	Pipe - Steel, A106 - ø1/2 Sch 80-XS-80S (0.147 Wall) - 10 Lg	1/2	80-XS-80S	0.546	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
14	1.312368867...	Pipe	ø1/2 Sch 160 (0.188 Wall)	0.84	0.188	Steel, A106	10	ø1/2 Sch 160 (0.188 Wall) - 10 Lg	Pipe - Steel, A106 - ø1/2 Sch 160 (0.188 Wall) - 10 Lg	1/2	160	0.464	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
15	1.718661892...	Pipe	ø1/2 Sch XXS (0.294 Wall)	0.84	0.294	Steel, A106	10	ø1/2 Sch XXS (0.294 Wall) - 10 Lg	Pipe - Steel, A106 - ø1/2 Sch XXS (0.294 Wall) - 10 Lg	1/2	XXS	0.252	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
16	0.68548832352	Pipe	ø3/4 Sch 5S (0.065 Wall)	1.05	0.065	Steel, A106	10	ø3/4 Sch 5S (0.065 Wall) - 10 Lg	Pipe - Steel, A106 - ø3/4 Sch 5S (0.065 Wall) - 10 Lg	3/4	5S	0.92	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
17	0.859320239...	Pipe	ø3/4 Sch 10S (0.083 Wall)	1.05	0.083	Steel, A106	10	ø3/4 Sch 10S (0.083 Wall) - 10 Lg	Pipe - Steel, A106 - ø3/4 Sch 10S (0.083 Wall) - 10 Lg	3/4	10S	0.884	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
18	1.133622634...	Pipe	ø3/4 Sch 40-Std-40S (0.113 Wall)	1.05	0.113	Steel, A106	10	ø3/4 Sch 40-Std-40S (0.113 Wall) - 10 Lg	Pipe - Steel, A106 - ø3/4 Sch 40-Std-40S (0.113 Wall) - 10 Lg	3/4	40-Std-...	0.824	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
19	1.477335741...	Pipe	ø3/4 Sch 80-XS-80S (0.154 Wall)	1.05	0.154	Steel, A106	10	ø3/4 Sch 80-XS-80S (0.154 Wall) - 10 Lg	Pipe - Steel, A106 - ø3/4 Sch 80-XS-80S (0.154 Wall) - 10 Lg	3/4	80-XS-80S	0.742	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
20	1.948478477...	Pipe	ø3/4 Sch 160 (0.219 Wall)	1.05	0.219	Steel, A106	10	ø3/4 Sch 160 (0.219 Wall) - 10 Lg	Pipe - Steel, A106 - ø3/4 Sch 160 (0.219 Wall) - 10 Lg	3/4	160	0.612	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
21	2.446837321...	Pipe	ø3/4 Sch XXS (0.308 Wall)	1.05	0.308	Steel, A106	10	ø3/4 Sch XXS (0.308 Wall) - 10 Lg	Pipe - Steel, A106 - ø3/4 Sch XXS (0.308 Wall) - 10 Lg	3/4	XXS	0.434	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
22	0.869909039...	Pipe	ø1 Sch 5S (0.065 Wall)	1.315	0.065	Steel, A106	10	ø1 Sch 5S (0.065 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 Sch 5S (0.065 Wall) - 10 Lg	1	5S	1.185	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
23	1.407421820...	Pipe	ø1 Sch 10S (0.109 Wall)	1.315	0.109	Steel, A106	10	ø1 Sch 10S (0.109 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 Sch 10S (0.109 Wall) - 10 Lg	1	10S	1.097	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
24	1.683137483...	Pipe	ø1 Sch 40-Std-40S (0.133 Wall)	1.315	0.133	Steel, A106	10	ø1 Sch 40-Std-40S (0.133 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 Sch 40-Std-40S (0.133 Wall) - 10 Lg	1	40-Std-...	1.049	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
25	2.177117339...	Pipe	ø1 Sch 80-XS-80S (0.179 Wall)	1.315	0.179	Steel, A106	10	ø1 Sch 80-XS-80S (0.179 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 Sch 80-XS-80S (0.179 Wall) - 10 Lg	1	80-XS-80S	0.957	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
26	2.850625008	Pipe	ø1 Sch 160 (0.25 Wall)	1.315	0.25	Steel, A106	10	ø1 Sch 160 (0.25 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 Sch 160 (0.25 Wall) - 10 Lg	1	160	0.815	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
27	3.668136080...	Pipe	ø1 Sch XXS (0.358 Wall)	1.315	0.358	Steel, A106	10	ø1 Sch XXS (0.358 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 Sch XXS (0.358 Wall) - 10 Lg	1	XXS	0.599	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
28	1.11000393504	Pipe	ø1 1/4 Sch 5S (0.065 Wall)	1.66	0.065	Steel, A106	10	ø1 1/4 Sch 5S (0.065 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 1/4 Sch 5S (0.065 Wall) - 10 Lg	1 1/4	5S	1.53	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
29	1.810042490...	Pipe	ø1 1/4 Sch 10S (0.109 Wall)	1.66	0.109	Steel, A106	10	ø1 1/4 Sch 10S (0.109 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 1/4 Sch 10S (0.109 Wall) - 10 Lg	1 1/4	10S	1.442	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
30	2.27835869184	Pipe	ø1 1/4 Sch 40-Std-40S (0.14 Wall)	1.66	0.14	Steel, A106	10	ø1 1/4 Sch 40-Std-40S (0.14 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 1/4 Sch 40-Std-40S (0.14 Wall) - 10 Lg	1 1/4	40-Std-...	1.38	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
31	3.004039489...	Pipe	ø1 1/4 Sch 80-XS-80S (0.191 Wall)	1.66	0.191	Steel, A106	10	ø1 1/4 Sch 80-XS-80S (0.191 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 1/4 Sch 80-XS-80S (0.191 Wall) - 10 Lg	1 1/4	80-XS-80S	1.278	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
32	3.774066912	Pipe	ø1 1/4 Sch 160 (0.25 Wall)	1.66	0.25	Steel, A106	10	ø1 1/4 Sch 160 (0.25 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 1/4 Sch 160 (0.25 Wall) - 10 Lg	1 1/4	160	1.16	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
33	5.226906014...	Pipe	ø1 1/4 Sch XXS (0.382 Wall)	1.66	0.382	Steel, A106	10	ø1 1/4 Sch XXS (0.382 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 1/4 Sch XXS (0.382 Wall) - 10 Lg	1 1/4	XXS	0.896	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
34	1.27702647072	Pipe	ø1 1/2 Sch 5S (0.065 Wall)	1.9	0.065	Steel, A106	10	ø1 1/2 Sch 5S (0.065 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 1/2 Sch 5S (0.065 Wall) - 10 Lg	1 1/2	5S	1.77	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
35	2.090126435...	Pipe	ø1 1/2 Sch 10S (0.109 Wall)	1.9	0.109	Steel, A106	10	ø1 1/2 Sch 10S (0.109 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 1/2 Sch 10S (0.109 Wall) - 10 Lg	1 1/2	10S	1.682	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
36	2.72455511328	Pipe	ø1 1/2 Sch 40-Std-40S (0.145 Wall)	1.9	0.145	Steel, A106	10	ø1 1/2 Sch 40-Std-40S (0.145 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 1/2 Sch 40-Std-40S (0.145 Wall) - 10 Lg	1 1/2	40-Std-...	1.61	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
37	3.640234752	Pipe	ø1 1/2 Sch 80-XS-80S (0.2 Wall)	1.9	0.2	Steel, A106	10	ø1 1/2 Sch 80-XS-80S (0.2 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 1/2 Sch 80-XS-80S (0.2 Wall) - 10 Lg	1 1/2	80-XS-80S	1.5	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
38	4.870837523...	Pipe	ø1 1/2 Sch 160 (0.281 Wall)	1.9	0.281	Steel, A106	10	ø1 1/2 Sch 160 (0.281 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 1/2 Sch 160 (0.281 Wall) - 10 Lg	1 1/2	160	1.338	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
39	6.42394368	Pipe	ø1 1/2 Sch XXS (0.4 Wall)	1.9	0.4	Steel, A106	10	ø1 1/2 Sch XXS (0.4 Wall) - 10 Lg	Pipe - Steel, A106 - ø1 1/2 Sch XXS (0.4 Wall) - 10 Lg	1 1/2	XXS	1.1	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
40	1.60759190592	Pipe	ø2 Sch 5S (0.065 Wall)	2.375	0.065	Steel, A106	10	ø2 Sch 5S (0.065 Wall) - 10 Lg	Pipe - Steel, A106 - ø2 Sch 5S (0.065 Wall) - 10 Lg	2	5S	2.245	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
41	2.644459242...	Pipe	ø2 Sch 10S (0.109 Wall)	2.375	0.109	Steel, A106	10	ø2 Sch 10S (0.109 Wall) - 10 Lg	Pipe - Steel, A106 - ø2 Sch 10S (0.109 Wall) - 10 Lg	2	10S	2.157	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
42	3.662011921...	Pipe	ø2 Sch 40-Std-40S (0.154 Wall)	2.375	0.154	Steel, A106	10	ø2 Sch 40-Std-40S (0.154 Wall) - 10 Lg	Pipe - Steel, A106 - ø2 Sch 40-Std-40S (0.154 Wall) - 10 Lg	2	40-Std-...	2.067	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
43	5.034508901...	Pipe	ø2 Sch 80-XS-80S (0.218 Wall)	2.375	0.218	Steel, A106	10	ø2 Sch 80-XS-80S (0.218 Wall) - 10 Lg	Pipe - Steel, A106 - ø2 Sch 80-XS-80S (0.218 Wall) - 10 Lg	2	80-XS-80S	1.939	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
44	7.480296978...	Pipe	ø2 Sch 160 (0.344 Wall)	2.375	0.344	Steel, A106	10	ø2 Sch 160 (0.344 Wall) - 10 Lg	Pipe - Steel, A106 - ø2 Sch 160 (0.344 Wall) - 10 Lg	2	160	1.687	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L
45	9.051379471...	Pipe	ø2 Sch XXS (0.436 Wall)	2.375	0.436	Steel, A106	10	ø2 Sch XXS (0.436 Wall) - 10 Lg	Pipe - Steel, A106 - ø2 Sch XXS (0.436 Wall) - 10 Lg	2	XXS	1.503	Steel, A106	=<G_D1> - <MATERIAL> - ø<G_D_Nom> x Sch <SCH> - <G_L> L