PROPERTIES OF EXTRUDED ALUMINUM PIPE
6063-T6 ALUMINUM ALLOY – 53% IACS

Schedule 40							Schedule 80						
IPS Size	Nominal Outside Diameter Inches	Nominal Inside Diameter Inches	Nominal Wall Thickness Inches	Nominal Weight Lbs./Ft.	Current Rating Amperes		IPS Size	Nominal Outside Diameter Inches	Nominal Inside Diameter Inches	Nominal Wall Thickness Inches	Nominal Weight Lbs./Ft.	Current Rating Amperes	
					Indoors*	Outdoors†						Indoors*	Outdoors†
1/2	0.840	0.622	0.109	0.294	315	400	1/2	0.840	0.546	0.147	0.376	360	455
3/4	1.050	0.824	0.113	0.391	400	495	3/4	1.050	0.742	0.154	0.510	455	565
1	1.315	1.049	0.133	0.581	535	650	1	1.315	0.957	0.179	0.751	605	740
1 1/4	1.660	1.380	0.140	0.786	680	810	1 1/4	1.660	1.278	0.191	1.037	780	930
1 1/2	1.900	1.610	0.145	0.940	790	930	1 1/2	1.900	1.500	0.200	1.256	910	1070
2	2.375	2.067	0.154	1.264	1000	1155	2	2.375	1.939	0.218	1.737	1175	1355
2 1/2	2.875	2.469	0.203	2.004	1365	1550	2 1/2	2.875	2.323	0.276	2.650	1570	1780
3	3.500	3.068	0.216	2.621	1670	1895	3	3.500	2.900	0.300	3.547	1935	2195
3 1/2	4.000	3.548	0.226	3.151	1945	2170	3 1/2	4.000	3.364	0.318	4.326	2265	2530
4	4.500	4.026	0.237	3.733	2230	2460	4	4.500	3.826	0.337	5.183	2605	2880
5	5.563	5.047	0.258	5.057	2845	3080	5	5.536	4.813	0.375	7.188	3355	3635
6	6.625	6.065	0.280	6.564	3500	3735	6	6.625	5.761	0.432	9.884	4205	4490

**Indoor ratings are calculated for a 30 °C rise above an ambient temperature of 40 °C install but unconfined air and a surface emissivity, e. equal to 0.35.*
†Outdoor ratings are given for a wind velocity of 2 feet per second, an ambient air temperature of 40 °C, a conductor temperature of 70 °C (30 °C rise), and a surface emissivity, e, equal to 0.50. (NEMA CC!-1984)
ANSI-H35.2-1990 (For Dimensional Data)