

Rigid Aluminum Conduit (RAC)

Material & Finish:

6063 Aluminum Alloy in Temper Designation T1

Application:

·Used to provide a continuous raceway for wire pulling.

Features:

- Threaded on both ends, one fitted with a coupling, one with a color-coded thread protector.
- Light weight, approximately one-third the weight of steel.
- Corrosion Resistant to most industrial environments.
- Easy to cut and bend.



Part No.	Trade Size		Nominal Dimensions				Weight/		Qty/	
			Outside		Wall Thickness		100 Ft (30.5M)		Master Bundle	
	US	Metric	in	mm	in	mm	lb	kg	ft	pcs
81810	1/2"	16	0.840	21.34	0.104	2.64	28	13	2500	250
81820	3/4"	21	1.050	26.67	0.107	2.72	37	17	2500	250
81830	1"	27	1.315	33.40	0.126	3.20	55	25	2000	200
81840	1-1/4"	35	1.660	42.16	0.133	3.38	72	33	1000	100
81850	1-1/2"	41	1.900	48.26	0.138	3.51	89	40	1000	100
81860	2"	53	2.375	60.33	0.146	3.71	119	54	450	45
81865	2-1/2"	63	2.875	73.03	0.193	4.90	188	85	300	30
81870	3"	78	3.500	88.90	0.205	5.21	246	112	200	20
81875	3-1/2"	91	4.000	101.60	0.215	5.46	296	134	200	20
81880	4"	103	4.500	114.30	0.225	5.72	350	156	200	20
81885	5"	129	5.563	141.30	0.245	6.22	480	217	80	8
81890	6"	155	6.625	168.28	0.266	6.76	630	289	60	6

Dimensions & weights are nominal, subject to change without notice.

Outside diameter tolerances:

+/- .005 in. (.13mm) for trade sizes 1/2 (16mm) through 2 (53mm);

+/- .010 in. (.25mm) for trade sizes 2-1/2 (63mm);

+/- .015 in. (.38mm) for trade size 3 (78mm);

+/- .020 in. (.51mm) for trade sizes 3-1/2 (91mm) and 4 (103mm).

NOTE: Length = 10 ft. (3.05m) with a tolerance of +/- .25 in. (6.35mm)

Compliance: UL 6A, ANSI C80.5

