

Aluminum Rigid Conduit (ARC)

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- Aluminum Rigid Conduit is light weight and is approximately one-third the weight of steel
- Corrosion Resistant aluminum resists most corrosive atmospheres in industrial environments
- Easy to install, no special tools needed to cut, bend or thread
- Low maintenance, doesn't leave discoloring streaks or stains
- Certified to Canadian Standards Association Safety Standard CSA C22.2 No.45.2
- Manufactured in accordance with ANSI C80.5
- Complete line of elbows, nipples and couplings
- Available in sizes 1/2 (16) - 6 (155)

FEATURES & SPECIFICATIONS

Codes & Standards Compliance

Alloy

Columbia-MBF Rigid Aluminum Conduit and Fittings are all manufactured of 6063 alloy in temper designation T-1 to ensure maximum performance in electrical installations. Temper T-5 conduit available in sizes 1/2 (16) through 1 (27).

Standards

Columbia-MBF Rigid Aluminum Conduit is CSA Certified to CSA C22.2 No.45.2 "Standard for Electrical Rigid Metal Conduit - Aluminum, Red Brass and Stainless Steel" and is manufactured to ANSI C80.5.

Thread Protectors

Color coded end caps keep threads clean and sharp and help provide size recognition. Even sizes are blue; 1/2 sizes are black; and 1/4 sizes are red. Temper T-5 sizes 1/2, 3/4 & 1 are green.



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Manufactured in accordance with ANSI C80.5



Trade Size	Metric Designator	Outside Diameter ¹		Nominal Wall Thickness ²		Approximate Weight Per 100 Ft. (30.5M)		Bundle Quantity	
		in	mm	in	mm	lb	kg	ft	m
1/2	16	0.840	21.34	0.104	2.64	28	12.7	1000	304.8
3/4	21	1.050	26.67	0.107	2.72	37	17.0	1000	304.8
1	27	1.315	33.40	0.126	3.20	55	24.7	500	152.4
1 1/4	35	1.660	42.16	0.133	3.38	72	32.5	250	76.2
1 1/2	41	1.900	48.26	0.138	3.51	89	40.2	250	76.2
2	53	2.375	60.33	0.146	3.71	119	53.8	200	61.0
2 1/2	63	2.875	73.03	0.193	4.90	188	85.0	100	30.5
3	78	3.500	88.90	0.205	5.21	246	111.7	100	30.5
3 1/2	91	4.000	101.60	0.215	5.46	296	134.1	100	30.5
4	103	4.500	114.30	0.225	5.72	350	158.9	100	30.5
5	129	5.563	141.30	0.245	6.22	479	217.2	60	18.3
6	155	6.625	168.28	0.266	6.76	635	287.8	60	18.3

NOTE: ¹Tolerances: Size 1/2 (16) to 1 1/2 (41) +/- 0.015" (0.38mm); 2 (53) to 6 (155) +/- 1%

²For information only. Not a requirement of the CSA Standard.

Each length of conduit with coupling attached will be nominally 10' (3.05m)

NOTE: Special orders are non-cancelable, non-returnable and non-refundable.