

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
- Listed to UL Safety Standard 6A
- Manufactured in accordance with ANSI C80.5
- Complete line of elbows and couplings
- Available in sizes ½" (16) - 6 "(155)

FEATURES & SPECIFICATIONS

Codes & Standards Compliance

Alloy

Allied Tube & Conduit® Rigid Aluminum Conduits and Fittings are all manufactured of 6063 alloy in temper designation T-1 to ensure maximum performance in electrical installations.

Standards

Allied Tube & Conduit® Rigid Aluminum Conduit is listed by Underwriters' Laboratories to UL 6A, "Standard for Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel" and is manufactured in accordance with ANSI C80.5 (Replaces Federal Specification WWC- 540C).

Thread Protectors

Color-Coded end caps keep threads clean and sharp and help provide trade size recognition. Even sizes are blue, ½ trade sizes are black, and ¼ trade sizes are red.



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Trade Size	Metric Designator	Outside Diameter ¹		Nominal Wall Thickness		Approximate Weight Per 100 (ft) (30.5M)		Quantity in Master Bundle	
		(in)	(mm)	(in)	(mm)	(lb)	(kg)	(ft)	(m)
½	16	0.840	21.34	1.104	2.64	28	12.7	2500	762.5
¾	21	1.050	26.67	0.107	2.72	37	17.0	2500	762.5
1	27	1.315	33.40	0.126	3.20	55	24.7	2000	610.0
1¼	35	1.660	42.16	0.133	3.38	72	32.5	1000	304.8
1½	41	1.900	48.26	0.138	3.51	89	40.2	1000	304.8
2	53	2.375	60.33	0.146	3.71	119	53.8	450	137.2
2½	63	2.875	73.03	0.193	4.90	188	85.0	300	91.5
3	78	3.500	88.90	0.205	5.21	246	111.7	200	61.0
3½	91	4.000	101.60	0.215	5.46	296	134.1	200	61.0
4	103	4.500	114.30	0.225	5.72	350	158.9	200	61.0
5	129	5.563	141.30	0.245	6.22	479	217.2	80	23.4
6	155	6.625	168.28	0.266	6.76	635	287.8	60	18.3

¹Tolerances: ½" to 1½" trade sizes +/- 0.015 (in) 2" to 6" trade sizes +/- 1%

*Each length of conduit with coupling attached will be nominally 10 feet

NOTE: Special orders are non-cancelable, non-returnable and non-refundable.
800.882.5543



Allied Tube & Conduit® Catalog