



Aluminum Rigid Conduit

Quality Aluminum Rigid Conduit with dependable Service

- ✓ Standardized bundles
- ✓ Color coded caps
- ✓ 6063 Aluminum Alloy
- ✓ T1 Compliances



Underwriters Laboratories UL 6A

SUBMITTAL INFORMATION

PROJECT: _____ CONTRACTOR: _____ DATE: _____

ENGINEER: _____ SPECIFICATION REFERENCE: _____ SYSTEM TYPE: _____

LOCATIONS: _____ COMMENTS: _____



Aluminum Rigid Conduit

UL 6A LISTED, QUALITY ELECTRICAL RIGID ALUMINUM CONDUIT

FEATURES & INSTALLATION

Corrosion Resistance - Lasting resistance to corrosive environments.

Lightweight - To meet specs or save labor, aluminum is near 33% the weight of steel.

Wire Pulling & Fishing - Polyethylene fish tapes and round / flexible speedometer-type steel cables are recommended on runs up to 100 feet or in sizes up to 1-1/2". Polypropylene rope is recommended for longer runs and sizes over 1-1/2".

Bending - Standardized benders used for trade sizes 1/2" - 1". Conventional equipment is recommended for larger sizes.

Cutting - Sizes 1-1/4" and less may be cut with hacksaw. Power equipment is recommended for larger trade sizes.

Concrete & Soil Applications - According to the UL Electrical Construction Equipment Directory, Supplementary corrosion protection is required for aluminum conduit used in concrete or in contact with soil. Approved paints, tape and PVC coated conduit are examples of supplements.

Color Coded Thread Caps - Protection against thread damage and colored for quick / accurate size identification.

<u>CAP COLOR</u>	<u>CORRESPONDING SIZES</u>
Black	1/2", 1-1/2", 2-1/2"
Red	3/4", 1-1/4"
Blue	1", 2", 3", 4"

Weights and Dimensions for Aluminum Rigid Conduit

TRADE SIZE	APROX. WT. PER 100 FT	NOMINAL OUTSIDE DIAMETER	NOMINAL WALL THICKNESS	LENGHT OF FINISHED CONDUIT	QUANTITY IN MASTER BUNDLE (FEET)	APPROX. WT. OF MASTER BUNDLE
	lbs.	inches	inches	ft.	ft.	lbs.
1/2	29.5	0.840	0.109	10	2500	737
3/4	39.3	1.050	0.113	10	2500	983
1	58.6	1.315	0.133	10	2000	1171
1 1/4	79.3	1.660	0.140	10	1000	793
1 1/2	95.1	1.900	0.145	10	1000	951
2	128.0	2.375	0.154	10	450	576
2 1/2	204.0	2.875	0.203	10	300	612
3	268.6	3.500	0.216	10	200	537
3 1/2	317.5	4.000	0.226	10	200	635
4	382.5	4.500	0.237	10	200	765
5	526.2	5.563	0.245	10	80	421
6	681.6	6.625	0.266	10	60	409



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