

ALUMINUM RIGID CONDUIT



LAREDO, TX

Quality Aluminum
Rigid Conduit
with dependable
service

- Standardized bundles
- Color coded caps



- ISO 9001:2000

-  Underwriters Laboratories UL 6A

- 6063 Aluminum Alloy
- T1 Compliances

SHAMROCK STEEL

SHAMROCK ALUMINUM RIGID CONDUIT

UL 6A APPROVED, 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.

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.

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".

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 (Inches)	Approx. Wt. Per 100 Ft. (lbs.)	Nominal Outside Diameter (inches)	Nominal Wall Thickness (inches)	Length of Finished Conduit (feet)	Quantity in Master Bundle (feet)	Approx. Wt. of Master Bundle (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

Quality is guaranteed

SHAMROCK STEEL

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