

AMERICAN CONDUIT



RIGID ALUMINUM CONDUIT

ALUMINUM CAN REPLACE STEEL IN ALL LOCATIONS, AT 1/3 THE WEIGHT!

LOWER INSTALLATION COST

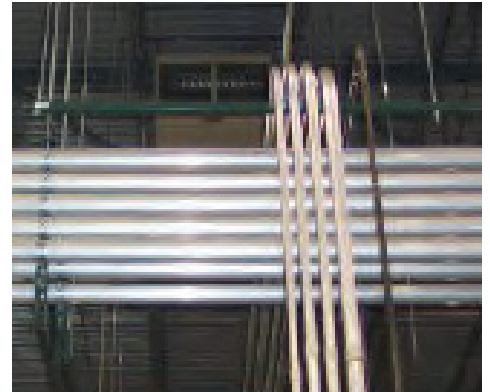
- Lighter weight than steel for faster, safer installation
- Easy bending, threading, and fabrication with improved worker safety

SUPERIOR APPEARANCE AND DURABILITY

- Rust resistant & maintenance free
- Sturdy yet easy to move between locations

ENHANCED PERFORMANCE

- Non-sparking
- Non-magnetic
- Non-ferrous - no derating of conductors
- Meets UL6 requirements for hazardous locations



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- ✓ **NATIONWIDE DISTRIBUTION**
- ✓ **+40 YEARS EXPERIENCE**
- ✓ **NEARLY ONE MILLION LBS. IN STOCK**
- ✓ **MADE IN THE USA**
of US and global materials





RECOMMENDED PRACTICES

CUTTING

A hacksaw is recommended for trade sizes 1¼" and smaller. Power cut-off equipment is recommended for larger trade sizes.

BENDING

Standard EMT benders, one size larger than the size of the conduit, should be used on conduit trade sizes 1" and smaller. Conventional equipment is recommended for larger trade sizes.

THREADING

Sharp dies and conventional cutting oil should be used.

FITTINGS

Aluminum fittings are recommended, but steel fittings that are galvanized or cadmium plated, or die-cast fittings, are satisfactory for most installations.

FISHING AND WIRE PULLING

Small Conduit – In trade sizes 1½" and smaller, and on shorter runs (up to 100 feet), polyethylene fish tapes and round, flexible, speedometer-type steel cables are recommended. Use of flat steel tapes should be avoided.

Large Conduit – For larger conduit or longer runs, polypropylene rope is recommended.

SOIL OR CONCRETE INSTALLATION

Underwriters' Laboratories Electrical Construction Equipment Directory (UL Green Book) states that aluminum conduit used in concrete or in contact with soil requires supplemental corrosion protection. Examples are paints and tape wraps approved for the purpose or PVC-coated aluminum conduit.



SAVE TIME AND MONEY WITH RIGID ALUMINUM CONDUIT!

Frequently Asked Questions

Does rigid aluminum conduit meet the same code requirements as rigid steel conduit?

YES – Our Rigid Aluminum Conduit meets Underwriter’s Laboratory UL6A, federal spec WW-C-540C, ANSI C80.5, and Canada’s CSA C 22.2 No. 45

Can I use galvanized fittings with rigid aluminum conduit?

YES – NEC 344.10(A) allows the use of either aluminum or galvanized fittings

American Conduit

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