



SAVE TIME AND MONEY WITH RIGID ALUMINUM CONDUIT

The right choice for any installation!
LIGHTER - FASTER- RECYCLABLE

Lower Installation Cost

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

Superior Appearance and Durability

- Resists rust, maintenance free
- Sturdy yet easy to move between locations

Enhanced Performance

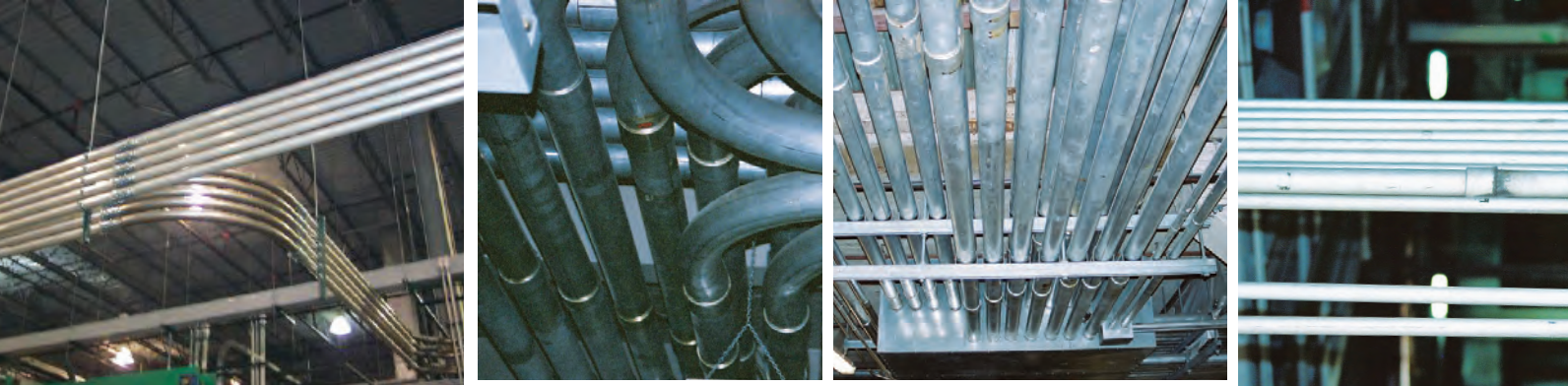
- Non sparking, non-magnetic
- Non-ferrous, no de-rating of conductors
- Meets UL6 requirements for hazardous locations

Aluminum can replace steel in all locations, at 1/3 the weight!

Made in USA

of US and global materials





RECOMMENDED INSTALLATION 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.

THE AMERICAN CONDUIT ADVANTAGE

- Part of the largest extrusion company in North America
- The leading producer of rigid aluminum conduit
- Over 40 years experience producing rigid aluminum conduit
- Electrical sales representatives nationwide
- 20 stocking warehouses nationwide
- Nearly 1 million pounds of conduit and fittings in-stock and ready to ship
- Coast to coast distribution

FREQUENTLY ASKED QUESTIONS ABOUT ALUMINUM CONDUIT

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

YES – Our Rigid Aluminum Conduit meets Underwriter's Laboratory UL-6A, 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



Celebrating **40 Years**
of Manufacturing in St. Augustine, FL



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