



1117 North Second Street - Murphysboro, IL 62966 USA - Tel: 618.684.2146 - www.pennconduit.com

BENEFITS OF PENN ALUMINUM EMT

Penn Aluminum developed its Aluminum Electrical Metallic Tubing (EMT) to support the Electrical Construction Industry based on the benefits and overall project savings Aluminum provides.

The Smart Choice.

The Total Overall Project Savings that Penn Aluminum EMT offers compared to galvanized steel EMT is supported by numerous benefits related to Aluminum. The historical use of ferrous or steel conduit products for electrical raceways results from original usage of existing gas lines for running wire for electric lights. If electrical metallic tubing were invented today, it is likely Aluminum would be the preferred metal.

- LOWER COST** Penn Aluminum EMT is produced through Aluminum extrusion, a more efficient process than the production and welding of steel tube with the added processing of galvanization. This efficiency in production results in lower product cost.
- LIGHTER WEIGHT** Penn Aluminum EMT weighs 1/3 that of galvanized steel EMT. This benefit of lighter weight results in enhanced worker safety, reduced labor and ease of installation.
- SUSTAINABILITY** Aluminum is one of the most sustainable materials in the world. Penn Aluminum EMT is 100% recyclable. This recyclability applies to the end of use cycle many decades in the future. The value of jobsite scrap for Penn Aluminum EMT is also much greater than galvanized steel EMT.
- EASY FABRICATION** Penn Aluminum EMT is produced using 6063 Aluminum alloy. This metal has mechanical properties that makes bending and fabrication easier than working with galvanized steel EMT.
- NON-CORROSIVE** Aluminum is a naturally non-corrosive metal. Galvanized steel EMT will rust over time. This benefit also provides a superior appearance for Penn Aluminum EMT.
- NON-SPARKING** Penn Aluminum EMT is non-sparking for use in combustible environments.

>> PLEASE CONSIDER *BLUE LIGHTNING* UL LISTED WIRE PULLING COMPOUND APPLICATION SERVICE FOR YOUR PROJECT <<



BLUE LIGHTNING[®]
UL Listed Wire Pulling Compound Application Service for Aluminum EMT

