



SPEC SUBMITTAL SHEET

Aluminum Electrical Metallic Tubing

Penn Aluminum Electrical Metallic Tubing (EMT) offers a lightweight alternative to galvanized electrical metallic tubing. Penn Aluminum EMT offers numerous benefits, including overall project cost savings and enhanced safety due to its lighter weight, reduced labor and non-corrosiveness.

All Penn Aluminum Conduit & EMT products are extruded and finished in our Murphysboro, Illinois, production facility using U.S. domestic recycled Aluminum billet, making them fully sustainable products.

Specification Data:

Architects desiring to specify Electrical Metallic Tubing - Aluminum should include the following description:

Electrical conductors shall be enclosed in Penn Aluminum Electrical Metallic Tubing – Aluminum in accordance with the National Electrical Code (NEC). Electrical Metallic Tubing - Aluminum shall be 6063 Aluminum, manufactured and produced to the following specifications:

- UL Standard for Electrical Metallic Tubing– Aluminum, UL 797A File # E513195
- ANSI C80.3 Electrical Metallic Tubing
- National Electrical Code, Article 358

Penn Part Number	US Trade Size	Approximate Weight per 100 feet (lb.)	Nominal Outside Diameter* (in.)	Nominal Inside Diameter** (in.)	Nominal Wall Thickness** (in.)	Master Bundle (Lift)		
						(ft.)	(pcs.)	(lb.)
P-012-10-EMT	1/2	10.30	0.706	0.622	0.042	7,000	700	721
P-034-10-EMT	3/4	15.80	0.922	0.824	0.049	5,000	500	790
P-100-10-EMT	1	23.30	1.163	1.049	0.057	3,000	300	699
P-114-10-EMT	1-1/4	34.70	1.510	1.380	0.065	2,000	200	694
P-112-10-EMT	1-1/2	40.20	1.740	1.610	0.065	1,500	150	603
P-200-10-EMT	2	51.17	2.197	2.067	0.065	1,200	120	614
P-212-10-EMT	2-1/2	74.59	2.875	2.731	0.072	610	61	455
P-300-10-EMT	3	91.18	3.500	3.356	0.072	510	51	465
P-312-10-EMT	3-1/2	120.00	4.000	3.834	0.083	370	37	444
P-400-10-EMT	4	135.66	4.500	4.334	0.083	300	30	407

* Outside Diameter Tolerances: +/- .005" for trade sizes 1/2" through 2", +/- .010" for trade size 2-1/2", +/- .015" for trade size 3", +/- .020" for trade sizes 3-1/2" and 4". ** For reference only. Not a requirement of UL 797A Standard

PENN ALUMINUM INTERNATIONAL LLC
 1117 N. 2ND STREET
 MURPHYSBORO, IL 62966
 Contact Email: ConduitSales@pennaluminum.com



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