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Product Specification Data

Penn Aluminum **BLUE LIGHTNING**® EMT

1. Thin-walled and lightweight (just 1/3 the weight of steel), for easy handling and installation.
2. *BLUE LIGHTNING* interior coating is UL listed to Category ZOKZ for Wire Pulling Compounds.
3. Fast and simple cutting and bending on the job site with metallurgical processing to minimize flattening, buckling and splitting.
4. Meets or exceeds the UL 797A standard for Safety for Electrical Metallic Tubing – Aluminum and Stainless Steel. Underwriters Laboratories File # E513195.
5. Superior finished outer appearance.
6. Smooth internal finish from extrusion process with no weld line.
7. Connects quickly with standard EMT fittings.

NOTE: As stated in NEC 358.14, "...galvanized steel fittings and enclosures shall be permitted to be used with Aluminum EMT when not subject to severe corrosive influences."

8. Fiberglass (or non-metallic) fish tape recommended.
9. Meets provisions of the Build America, Buy America Act.

Penn Aluminum **BLUE LIGHTNING** Electrical Metallic Tubing (EMT) Specifications

Aluminum Alloy: 6063

UL File # E513195

Standard 10-foot length - Deburred

Penn Part Number	US Trade Size	Approximate Weight per 100 feet	Nominal Outside Diameter	Nominal Inside Diameter*	Nominal Wall Thickness*	Master Bundle (Lift)		
						ft	pcs	lb
P-012-10-EMT-BL2	1/2	10.30	0.706	0.622	0.042	7,000	700	721
P-034-10-EMT-BL2	3/4	15.80	0.922	0.824	0.049	5,000	500	790
P-100-10-EMT-BL2	1	23.30	1.163	1.049	0.057	3,000	300	699
P-114-10-EMT-BL2	1-1/4	34.70	1.510	1.380	0.065	2,000	200	694
P-112-10-EMT-BL2	1-1/2	40.20	1.740	1.610	0.065	1,500	150	603
P-200-10-EMT-BL2	2	51.17	2.197	2.067	0.065	1200	120	614
P-212-10-EMT-BL2	2-1/2	74.59	2.875	2.731	0.072	610	61	455
P-300-10-EMT-BL2	3	91.18	3.500	3.356	0.072	510	51	465
P-312-10-EMT-BL2	3-1/2	120.00	4.000	3.834	0.083	370	37	444
P-400-10-EMT-BL2	4	135.66	4.500	4.334	0.083	300	30	407

* For reference only. Not a requirement of UL 797A Standard.

Penn Aluminum Electrical Metallic Tubing ("EMT") is manufactured to UL 797A.

Penn Aluminum EMT is a general use product.

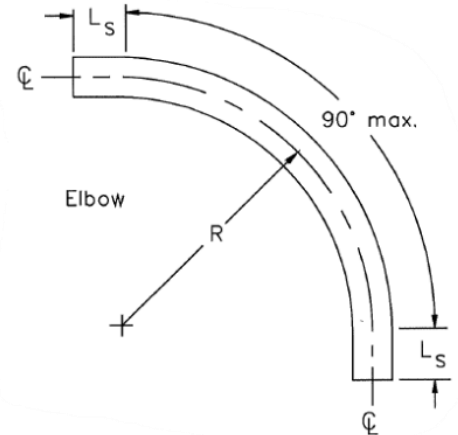
It is up to the architect, general contractor, and/or project manager to determine whether the EMT is appropriate for a specific application, or what additional requirements might be necessary for the use of EMT in a specific application.

Penn Aluminum *BLUE LIGHTNING* EMT 90 deg Elbow Specifications

Aluminum Alloy: 6063

UL File #

Penn Part Number	US Trade Size	Weight per Each	Radius "R"	Straight Length "Ls"
		lb.	in	in
P-012-EL90	1/2	10.93	4.00	1.5
P-034-EL90	3/4	17.97	4.50	1.5
P-100-EL90	1	31.43	5.75	1.125
P-114-EL90	1-1/4	50.24	7.25	2
P-112-EL90	1-1/2	68.16	8.25	2
P-200-EL90	2	96.72	9.50	2
P-212-EL90	2-1/2	228.29	10.5	3
P-300-EL90	3	336.30	13	3.125
P-312-EL90	3-1/2	549.33	15	3.25
P-400-EL90	4	660.95	16	3.75



All Penn Aluminum Conduit & EMT products are manufactured from US-produced domestic recycled aluminum billet. Rigid Aluminum Conduit pipe and Aluminum Electrical Metallic Tubing are extruded and fabricated in our facility in Murphysboro, IL.



The Smart Choice.

Proudly Serving the American Electrical Construction Industry

