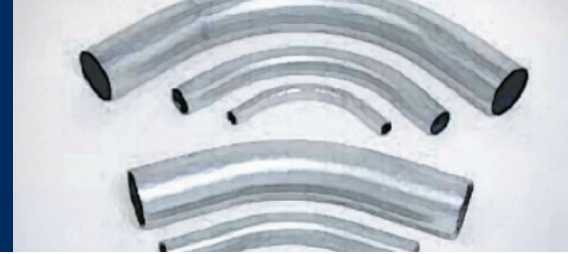


ELECTRICAL METALLIC TUBING (EMT)

Steel Elbows

SUBMITTAL DATA SHEET



Electrical Metallic Tubing (EMT) - Steel Elbows Conforms With:

- ANSI – American National Standard for Steel Electrical Metallic Tubing, (EMT) ANSI, C80.3
- UL Standard for Electrical Metallic Tubing – Steel, UL 797
- National Electrical Code® 2011 Article 358
- Federal Specification WW-C-563

Electrical Metallic Tubing (EMT) - Steel Elbows:

- May be used where not subject to severe physical damage
- Permitted for exposed and concealed work
- Shall be permitted to be installed in concrete, in direct contact with the earth

- Permitted in areas of severe corrosive influences where protected by corrosion protection and judged suitable for the condition
- Permitted in or under cinder concrete or fill where subject to permanent moisture when protected on all sides by a layer of noncinder concrete not less than 2 in. (50 mm) thick or with corrosion protection judged suitable for the condition
- May be used with Aluminum fittings and enclosures went not subject to severe corrosive influences

ISO Registration

Quality Management System complies with the requirements of ISO 9001:2008



Electrical Metallic Tubing (EMT) Dimensions 90°

Trade Size	Metric Designator	Min. UL Radius A (in.)	Min. UL Length Section D (in.)	Outside Diameter ¹	Inside Diameter ²	Wall ²
1/2	16	4	1 1/2	0.706	0.622	0.042
3/4	21	4 1/2	1 1/2	0.922	0.824	0.049
1	27	5 3/4	1 7/8	1.163	1.049	0.057
1 1/4	35	7 1/4	2	1.510	1.380	0.065
1 1/2	41	8 1/4	2	1.740	1.610	0.065
2	53	9 1/4	2	2.197	2.067	0.065
2 1/2	63	10 1/4	3	2.875	2.731	0.072
3	78	13	3 1/8	3.500	3.560	0.072
3 1/2	91	15	3 1/4	4.000	3.834	0.083
4	103	16	3 3/8	4.500	4.334	0.083

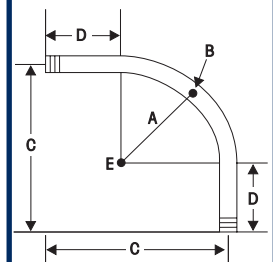
Notes: (1) outside diameter subject to UL 797 tolerances
(2) for informational only, not a UL 797 requirement

Dimensions of Special Large Radius 90° Elbows

Trade Size	1" - 2-1/2"	1" - 3"	1" - 4"	1" - 4"	1" - 5"	1" - 6"	1" - 6"	1" - 6"
When Radius "A" is	12"	15"	18"	24"	30"	36"	42"	48"
Offset "C" is	1'9"	2'0"	2'4"	2'11"	3'5"	3'11"	4'6"	5'0"
Straight End "D" is	9"	9"	10"	11"	11"	11"	12"	12"
Length Unbent is	3'0"	3'6"	4'0"	4'11"	5'9"	6'6"	7'6"	8'4"

Measuring Special Radius Elbows:

Locate center of Elbow B. Subtract straight section D from each end and find point E. Radius A is the distance between B and E. Offset C is measured as shown.



LIMITED WARRANTY:

Wheatland agrees to replace or allow credit, at its option, for material found to be defective within a reasonable time, but in no event more than one year after receipt by Buyer. Contact Wheatland for complete terms and conditions of the warranty.

Project: _____ Contractor: _____ Date: _____

Engineer: _____ Specification Reference: _____ System Type: _____

Locations: _____ Comments: _____



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