

# 20' Steel EMT and Rigid Metal Conduit

## Submittal Sheet

Western Tube's 20' steel EMT and rigid metal conduit cut connection costs and installation time by 50% compared to traditional lengths. Produced to the same quality standards as our 10' lengths, Western Tube's 20' lengths provide durable protection for electrical systems. Work faster and straighter with 20' lengths available in EMT sizes ½-4 and rigid metal conduit sizes ½-6.

### Listing

Western Tube EMT is UL® Listed to UL-797. It is manufactured in accordance with ANSI® C80.3 and federal specification WW-C-563, and it complies with CSA C22.2 No. 83.1.



Western Tube rigid metal conduit is UL Listed to UL-6. It is manufactured in accordance with ANSI C80.1, CSA C22.2 No. 45.1 and federal specification WW-C-581.



### Locations

Western Tube EMT meets the requirements of National Electrical Code® Article 358 for open, concealed and concrete slab installations. It is compatible with all types of building materials.

Western Tube rigid metal conduit meets the requirements of National Electrical Code Article 344 for use in indoor and outdoor locations and in wet and dry locations, including Class 1 Division 1 hazardous locations. It may be used for both exposed and concealed installations.

### Testing

Western Tube performs regular tests of its EMT and rigid metal conduit for weld strength, plating thickness, all dimensions, and uniform smoothness of the interior and exterior coatings. Western Tube rigid metal conduit is also tested for threadability.

### Coatings

Western Tube EMT is in-line galvanized to prevent chipping, cracking and peeling, and a transparent secondary coating provides further protection against corrosion. A special low-friction polymer ID coating is applied for faster wire installation.

Western Tube rigid metal conduit is hot-dip galvanized on both the interior and exterior to defend against corrosion. It then receives a passivation coating for extra protection.

### Threading

Western Tube rigid metal conduit is simultaneously threaded on both ends, ensuring straight runs.

## Submittal Information

PROJECT: \_\_\_\_\_ CONTRACTOR: \_\_\_\_\_ DATE: \_\_\_\_\_

ENGINEER: \_\_\_\_\_ SPECIFICATION REFERENCE: \_\_\_\_\_ SYSTEM TYPE: \_\_\_\_\_

LOCATIONS: \_\_\_\_\_ COMMENTS: \_\_\_\_\_

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### Standard EMT Weights and Specifications (20' Lengths)

Trade Size	Metric Designator	Nominal OD	Nominal ID	Nominal Wall Thickness	Nominal Wt. per Foot	Feet in Sub-Bundle	Qty. in Master Bundle	Feet in Master Bundle	Nom. Wt. per Master Bundle	Banding Tape Color
	mm	in.	in.	in.	lbs.	ft.	qty.	ft.	lbs.	
½	16	0.706	0.622	0.042	0.30	100	175	3500	1043	● Black
¾	21	0.922	0.824	0.049	0.46	100	125	2500	1144	● Red
1	27	1.163	1.049	0.057	0.67	20	75	1500	1010	● Blue
1¼	35	1.510	1.380	0.065	1.01	20	50	1000	1005	● Red
1½	41	1.740	1.610	0.065	1.16	20	37	740	861	● Black
2	53	2.197	2.067	0.065	1.48	20	37	740	1095	● Blue
2½	63	2.875	2.731	0.072	2.16	20	19	380	819	● Black
3	78	3.500	3.356	0.072	2.63	20	19	380	1001	● Blue
3½	91	4.000	3.834	0.083	3.49	20	19	380	1320	● Black
4	103	4.500	4.334	0.083	3.93	20	10	200	783	● Blue

Master bundle quantities conform to NEMA Standard RN-2. All Western Tube conduit is UL® Listed.

### Rigid Metal Conduit Weights and Specifications (20' Lengths)

Trade Size	Metric Designator	Nominal OD	Nominal ID	Nominal Wall Thickness	Nominal Wt. per Foot with Coupling	Qty. in Master Bundle	Feet in Master Bundle	Nom. Wt. per Master Bundle	End Cap Color
	mm	in.	in.	in.	lbs.	qty.	ft.	lbs.	
½	16	0.840	0.632	0.104	0.82	125	2500	2060	● Black
¾	21	1.050	0.836	0.107	1.09	100	2000	2170	● Red
1	27	1.315	1.063	0.126	1.61	60	1200	1932	● Blue
1¼	35	1.660	1.394	0.133	2.18	45	900	1960	● Red
1½	41	1.900	1.624	0.138	2.63	40	800	2100	● Black
2	53	2.375	2.083	0.146	3.50	30	600	2100	● Blue
2½	63	2.875	2.489	0.193	5.59	18	360	2012	● Black
3	78	3.500	3.090	0.205	7.27	15	300	2180	● Blue
3½	91	4.000	3.570	0.215	8.80	12	240	2112	● Black
4	103	4.500	4.050	0.225	10.30	10	200	2060	● Blue
5	129	5.563	5.073	0.245	14.00	7	140	1960	● Blue
6	155	6.625	6.093	0.266	18.40	5	100	1840	● Blue

Master bundle quantities conform to NEMA Standard RN-2. All Western Tube conduit is UL® Listed.

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