

Intermediate Metal Conduit

Submittal Sheet

Western Tube intermediate metal conduit (IMC) provides superior wiring protection in many applications. It contains approximately 33% less steel than conventional rigid metal conduit, leading to a lighter weight and a larger inside diameter that permits easier wire pulling. Western Tube IMC is available in trade sizes ½-4.

Listing

Western Tube IMC is UL® Listed to UL-1242. It is manufactured in accordance with ANSI® C80.6 and federal specification WW-C-581.



Locations

Western Tube IMC meets the requirements of National Electrical Code® (NEC) Article 342 for use in indoor and outdoor locations and in wet and dry locations, including Class 1 Division 1 hazardous locations. The NEC recognizes IMC for the same use as rigid metal conduit.

Testing

Western Tube performs regular tests of its IMC for weld strength, plating thickness, all dimensions, and uniform smoothness of the interior and exterior coatings.

Coatings

Western Tube IMC is in-line galvanized, and a secondary transparent organic coating provides further protection against corrosion.

Threading

Western Tube IMC is threaded to be interchangeable with rigid metal conduit fittings and elbows and requires no change in installation procedures.

IMC Weights and Specifications

Trade Size	Metric Designator	Nominal OD	Nominal ID	Nominal Wall Thickness	Nominal Wt. per Foot with Coupling	Feet in Sub-Bundle	Qty. in Master Bundle	Feet in Master Bundle	Nom. Wt. per Master Bundle	End Cap Color
	mm	in.	in.	in.	lbs.	ft.	qty.	ft.	lbs.	
½	16	0.815	0.659	0.078	0.62	100	350	3500	2170	Yellow
¾	21	1.029	0.836	0.083	0.84	50	250	2500	2100	Green
1	27	1.290	1.104	0.093	1.19	50	170	1700	2023	Orange
1¼	35	1.638	1.448	0.095	1.58	-	135	1350	2133	Green
1½	41	1.883	1.683	0.100	1.94	-	110	1100	2134	Yellow
2	53	2.360	2.150	0.105	2.56	-	80	800	2048	Orange
2½	63	2.857	2.557	0.150	4.41	-	37	370	1632	Yellow
3	78	3.476	3.176	0.150	5.43	-	30	300	1629	Orange
3½	91	3.971	3.671	0.150	6.29	-	24	240	1510	Yellow
4	103	4.466	4.166	0.150	7.00	-	24	240	1680	Orange

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

Submittal Information

PROJECT: _____ CONTRACTOR: _____ DATE: _____

ENGINEER: _____ SPECIFICATION REFERENCE: _____ SYSTEM TYPE: _____

LOCATIONS: _____ COMMENTS: _____

WTE-051517

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