



INTERMEDIATE METAL CONDUIT (IMC)

RYMCO Intermediate Metal Conduit (IMC) is manufactured in the same manner as our RGC but with 33% less steel which results in 1/3 less weight and slightly larger inside diameter. The conduit is produced in nominal trade sizes from 1/2-4 inch in standard lengths of 10ft (3.05m) including the coupling and threaded on both ends. The taper of the threads is 3/4in. per foot (1 in 16) and are protected after cutting with an application of molten zinc. Rymco IMC protects insulated electrical conductors and cables from magnetic, damage, impact and crushing. Color-coded end caps are applied opposite the couplings to protect the threads and provide quick visual indication of trade sizes.

Coatings: Rymco IMC exterior is hot-dipped galvanized with special high grade zinc along with C Coat for added protection against corrosion. In addition to the galvanizing process, the interior of the conduit has a FreedomCoat® layer for rust prevention and to allow for easier wire pulling and pushing. Providing users and specifiers with a level of confidence in Rymco conduit for a variety of applications and environments.

Application: Rymco IMC can be installed in all occupancies and locations, including Class 1 Division 1 hazardous locations and is recognized in the NEC Section 250.118 as an acceptable equipment grounding conductor and offers shielding against electromagnetic fields generated during normal operation of electrical installations.

Codes & Standards Compliance:

- UL 1242, File# E340533
- ANSI C80.6
- NEC Article 342



Intermediate Metal Conduit Weights & Specifications (10' Lengths)

Trade Size	Metric	Nominal	Nominal	Nominal Wall	Nominal Wt.	Feet in	Qty. in	Feet in	Nom. Wt.	End Cap Color
	Designator	OD	ID	Thickness	per Foot with Coupling	Sub-Bundle	Master Bundle	Master Bundle	per Master Bundle	
	mm	in.	in.	in.	lbs.	ft.	qty.	ft.	lbs.	
1/2	16	0.815	0.659	0.078	0.62	100	350	3500	2170	Yellow
3/4	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
1 1/4	35	1.638	1.448	0.095	1.58	-	135	1350	2133	Green
1 1/2	41	1.883	1.683	0.100	1.94	-	110	1100	2134	Yellow
2	53	2.360	2.15	0.105	2.56	-	80	800	2048	Orange
2 1/2	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
3 1/2	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

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