

# Intermediate Metal Conduit (IMC)

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## Intermediate Metal Conduit (IMC)

[Allied Tube & Conduit](#)



### Features:

- Manufactured from premium, work hardened steel
- Hot galvanized exterior using patented inline Flo-Coat process
- Increased corrosion resistance and protection against white rust
- Interior coating creates a smooth, continuous raceway for fast wire-pulling
- Combines electrical and mechanical performance with ductility
- Resistant to impact and easy to cut, bend and join for smooth, continuous raceways
- Weighs one-third less than rigid conduit
- Saves up to 30% in cost over rigid conduit
- Larger internal diameter than rigid conduit to allow for easier fishing and wire-pulling
- Provides excellent shielding from electromagnetic fields
- Color-coded end-cap thread protectors keep the threads clean and sharp, and also help to provide instant trade size recognition
- True Color™ IMC special orders available

### Certifications & Compliances:

- Listed to Safety Standard UL 1242
- Manufactured in accordance with ANSI C80.6
- Covered by article 342 of the NEC
- Recognized as an equipment grounding conductor in Section 250 of the NEC
- Suitable for Class I, Division I hazardous locations

### Applications:

- Electrical raceway systems
- Encased power distribution circuits
- Shielding computers and other sensitive electronic equipment from the effects of electromagnetic interference

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Part Number	Trade Size	Metric Designator	Average Outside Diameter*		Average Wall Thickness**		Approx Weight Per 100 Ft (30.5m)		Quantity In Master Bundle	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb)	(kg)	(ft)	(m)
358192	1/2	16	0.815	20.700	0.070	1.79	62	28.1	3500	1067.5
358184	3/4	21	1.029	26.130	0.075	1.90	84	38.1	2500	762.5
358176	1	27	1.290	32.760	0.085	2.16	119	54	1700	518.5
358119	1 1/4	35	1.638	41.600	0.085	2.16	158	71.7	1350	411.8
358101	1 1/2	41	1.883	47.820	0.090	2.29	194	88	1100	335.5
358168	2	53	2.360	59.940	0.095	2.41	256	116.1	800	244
358150	2 1/2	63	2.857	72.560	0.140	3.56	441	200	370	112.9
358143	3	78	3.476	88.290	0.140	3.56	543	246.3	300	91.5
358069	3 1/2	91	3.971	100.860	0.140	3.56	629	285.3	240	73.2
358051	4	103	4.466	113.430	0.140	3.56	700	317.5	240	73.2

\*Outside diameter tolerances:

+/- .005 (in) (.13mm) for trade sizes 1/2" (16mm) through 1" (25mm)

+/- .0075 (in) (.19mm) for trade sizes 1-1/4" (36mm) through 2" (53mm)

+/- 0.10 (in) (.25mm) for trade sizes 2-1/2" (63mm) through 4" (103mm)

\*\*Wall thickness tolerances:

+ 0.15 (in) (.38mm) and - .000 for trade sizes 1/2" (13mm) through 2" (53mm)

+ 0.20 (in) (.51mm) and - .000 for trade sizes 2-1/2" (63mm) through 4" (103mm)

Note: length = 10 (ft) (3.05m) with a tolerance of +/- .25 (in) (6.35mm)