

# Intermediate Metallic Conduit (IMC)



Submittal Sheet - Representative Materials Company

## Overview

RMC's Intermediate Metal Conduit (IMC) (UL1242) is slightly more flexible than Rigid conduit, which makes it easier to bend and maneuver during installation but despite the thinner wall material IMC maintains excellent protection, strength and ductility for raceway systems.

Our IMC conduit is manufactured from high strength hot-dipped galvanized steel and produced by the electrical resistance welding process which ensures continuous weld seams that will not split or crack at the weld and are free from interior defects. Our precision threaded ends ensure fast assembly in the field.

## Consistent Quality

- Made from high-quality flat rolled steel utilizing high production tube mills and the electric resistance welding method.
- Uniform galvanized protection and smoothness on the interior and exterior coatings.
- The inside surface is obstruction free and smooth to reduce friction between conduit wall and wire.
- Manufactured for long life – durable and strong.
- Threads are galvanized after cutting.
- No flaking or chipping when subjected to extreme stress.
- Easy to bend, cut and thread on the job.

## Listings

- Underwriters Laboratories Standard for rigid conduit (UL-1242) file # E531579
- American National Standards Institute (ANSI® C80.6)
- National Electric Code® Article 342
- Additional information can be found in the Underwriters Laboratories Inc., General information for Electrical Equipment Directory. The UL product category for IMC is DYBY.

## Locations

- RMC's IMC conduit meets the requirements of National Electrical Code Article 342 for use in indoor and outdoor locations and in wet and dry locations, including Class 1 Division 1 Hazardous Locations.
- IMC conduit provides exceptional physical protection, reduces exposure to EMF and shields against electromagnetic interference.

## Lower Life-Cycle Costs

- Hot dipped galvanized coating provides enhanced corrosion protection
- Physical and mechanical properties ensure that the pipe has an extended life cycle.
- Resists cracking, flaking, peeling, impact, and damage from severe bending.
- Impact-resistant and non-combustible.
- 100% Recyclable.

## Dimension and Weight Chart and Packing Schedule (IMC)

INTERMEDIATE METAL CONDUIT (IMC)																	
PART NUMBER	TRADE SIZE		NOMINAL WT. PER 100FT (30.5M)		NOMINAL OUTSIDE DIAMETER		NOMINAL WALL THICKNESS		COLOR TAPE	QUANTITY IN BUNDLE		QUANTITY PER LIFT				WEIGHT/LIFT	
	U.S.	Metric	Lbs.	Kg.	in.	mm.	in.	mm.		Feet	Meters	PCS	BD's	Feet	Meters	Lbs.	Kg.
IMCCT05	1/2	16	62	28.12	0.815	20.70	0.078	1.197	Yellow	150	30.5	35	35	3500	1067	2170	984
IMCCT07	3/4	21	84	38.10	1.029	26.14	0.083	2.10	Green	50	15.2	50	50	2500	762	2100	953
IMCCT10	1	27	119	53.98	1.290	32.77	0.093	2.35	Orange	50	15.2	34	34	1700	518	2023	918
IMCCT12	1-1/4	35	158	71.67	1.638	41.59	0.095	2.41	Green	-	-	-	-	1350	411	2133	968
IMCCT15	1-1/2	41	194	88.00	1.883	47.82	0.100	2.54	Yellow	-	-	-	-	1100	335	2134	968
IMCCT20	2	53	256	116.12	2.360	59.93	0.105	2.67	Orange	-	-	-	-	800	244	2048	929
IMCCT25	2-1/2	63	441	200.04	2.857	72.57	0.150	3.81	Yellow	-	-	-	-	370	113	1632	740
IMCCT30	3	78	543	246.30	3.476	88.29	0.150	3.81	Orange	-	-	-	-	300	91	1629	739
IMCCT35	3-1/2	91	629	285.31	3.971	100.86	0.150	3.81	Yellow	-	-	-	-	240	73	1510	685
IMCCT40	4	103	700	317.52	4.466	113.44	0.150	3.81	Orange	-	-	-	-	240	73	1680	762

Notes: 1. Applicable tolerances - Length: 10ft. ± 1/4". Outside Diameter: 1/2" ± 0.015"; 2 1/2" - 4" ± 0.025"; 5" - 6" ± 1"

## Submittal Information

Company Name	Phone	Date
Address	Project Name	Project Date
City	Project City	Comments
State & Zip	Project State	

