



RYMCO
by Liberty Products 

GALVANIZED RIGID METAL CONDUIT (RMC)- STEEL

RYMCO Rigid Metal Conduit (RMC) is manufactured from high grade mild steel, which is highly resistant to damage while being easy to cut, bend and thread on the job. The conduit is produced in nominal trade sizes from 1/2-6 inch in standard lengths of 10ft (3.05m) including the coupling, threaded on both ends per industry standards (ANSI B1.20.1). The taper of the threads are 3/4in. per foot (1 in 16) and are protected after cutting with an application of molten zinc. Color-coded end caps are applied opposite the couplings to protect the threads and provide quick visual indication of trade sizes.

Coatings: The interior and exterior surfaces of Rymco RMC conduit are hot dipped galvanized with special high grade zinc, along with C Coat for added protection against corrosion 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's RMC can be installed in all occupancies and locations, including Class 1 Division 1 hazardous locations. Rigid steel conduit 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-6, File# E465024
- CSA C22.2 No. 45.1
- ANSI C80.1
- NEC Article 344
- WW-C-581 Federal Specification (superseded by UL-6)



Rigid Metal Conduit Weights & Specifications (10' Lengths)

| 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. | |
| 1/2 | 16 | 0.840 | 0.632 | 0.104 | 0.82 | 100 | 250 | 2500 | 2060 | ● Black |
| 3/4 | 21 | 1.050 | 0.836 | 0.107 | 1.09 | 50 | 200 | 2000 | 2170 | ● Red |
| 1 | 27 | 1.315 | 1.063 | 0.126 | 1.61 | 50 | 125 | 1250 | 2110 | ● Blue |
| 1 1/4 | 35 | 1.660 | 1.394 | 0.133 | 2.18 | 30 | 90 | 900 | 1960 | ● Red |
| 1 1/2 | 41 | 1.900 | 1.624 | 0.138 | 2.63 | - | 80 | 800 | 2100 | ● Black |
| 2 | 53 | 2.375 | 2.083 | 0.146 | 3.50 | - | 60 | 600 | 2100 | ● Blue |
| 2 1/2 | 63 | 2.875 | 2.489 | 0.193 | 5.59 | - | 37 | 370 | 2070 | ● Black |
| 3 | 78 | 3.500 | 3.09 | 0.205 | 7.27 | - | 30 | 300 | 2180 | ● Blue |
| 3 1/2 | 91 | 4.000 | 3.57 | 0.215 | 8.80 | - | 25 | 250 | 2200 | ● Black |
| 4 | 103 | 4.500 | 4.05 | 0.225 | 10.30 | - | 20 | 200 | 2060 | ● Blue |
| 5 | 129 | 5.563 | 5.073 | 0.245 | 14.00 | - | 15 | 150 | 2100 | ● Blue |
| 6 | 155 | 6.625 | 6.093 | 0.266 | 18.40 | - | 10 | 100 | 1840 | ● Blue |

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