



# PVC COATED

## Steel Rigid Conduit Metal

### **RYMCO PVC-Coated Rigid Metal Conduit**

**(RMC)** Offers outstanding protection against corrosion and harsh environmental conditions, making it ideal for industrial and outdoor applications. With a tough PVC exterior and a strong galvanized steel core, this conduit ensures long-lasting durability while providing a smooth surface for easy wire pulling. Designed for both above-ground and underground installations, RYMCO PVC-Coated Conduit is the perfect choice for industries requiring extra resilience, such as wastewater treatment plants, chemical processing facilities, and coastal environments.

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#### Codes & Standards Compliance:

- UL 6
- NEMA-RN-1
- ANSI C80.1

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- **Exterior Coating: 40 mil gray PVC**
- **Interior Coating: 2 mil orange urethane**
- **Threads: PROTECH threads – A clear urethane coating over hot galvanized threads**
- **Available Sizes: 12 trade sizes from 1/2" through 6"**
- **Shipping: Shipped in 10' lengths with coupling**
- **Thread Protectors: Plastic, color-coded for quick size identification**

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| Metric Size Designators | Pipe Size (inches) | Outside Wall Thickness (inches) | Diameter with Coating (inches) | Internal Inside Diameter (inches) | Traverse Area (sq. inches) | Nominal Weight |
|-------------------------|--------------------|---------------------------------|--------------------------------|-----------------------------------|----------------------------|----------------|
| 16                      | 1/2"               | 0.104                           | 0.92                           | 0.632                             | 0.314                      | 85             |
| 21                      | 3/4"               | 0.107                           | 1.13                           | 0.836                             | 0.549                      | 112            |
| 27                      | 1"                 | 0.126                           | 1.395                          | 1.063                             | 0.887                      | 164            |
| 35                      | 1-1/4"             | 0.133                           | 1.74                           | 1.394                             | 1.526                      | 217            |
| 41                      | 1-1/2"             | 0.138                           | 1.98                           | 1.624                             | 2.071                      | 268            |
| 53                      | 2"                 | 0.146                           | 2.455                          | 2.083                             | 3.408                      | 358            |
| 63                      | 2-1/2"             | 0.193                           | 2.955                          | 2.489                             | 4.866                      | 546            |
| 78                      | 3"                 | 0.205                           | 3.58                           | 3.09                              | 7.499                      | 708            |
| 91                      | 3-1/2"             | 0.215                           | 4.08                           | 3.57                              | 10.01                      | 851            |
| 103                     | 4"                 | 0.225                           | 4.58                           | 4.05                              | 12.882                     | 1009           |
| 129                     | 5"                 | 0.245                           | 5.643                          | 5.073                             | 20.212                     | 1337           |
| 155                     | 6"                 | 0.266                           | 6.705                          | 6.093                             | 29.158                     | 1993           |

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4801 Gasmer Dr, Houston, TX 77035  
 Toll Free: 1-833-RYMCO-US  
[www.rymcousa.com](http://www.rymcousa.com)