

# PVC Coated Conduit



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### Description:

PVC coated galvanized rigid conduit with red urethane interior coating protects conductors from mechanical damage and corrosive attack. Electrical continuity is maintained across assembled joints.

### Features:

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- PROTECH threads – A clear urethane coating over hot galvanized threads
- 12 trade sizes from 1/2" through 6"
- Shipped in 10' lengths with coupling
- Plastic thread protector caps are color coded for quick identification of conduit size
- **One "no charge" coupling is included with each 10' length of conduit**

### Thread Protector Cap Colors:

- Black - for 1/2" sizes, 1/2", 1-1/2", 2-1/2", 3-1/2"
- Red - for 1/4" sizes, 3/4", 1-1/4"
- Blue - for even sizes, 1", 2", 3", 4", 5", 6"

### Standards:

#### Steel and Aluminum

- UL 6 (E2314); UL 6A (E98405)
- CSA C22.2 No. 45
- Both PVC and zinc coatings have been investigated as primary protection against corrosion. Restricted for use with threaded fittings only.

## Coated Conduit Technical Data

### COATED CONDUIT

| METRIC SIZE DESIGNATORS | PIPE SIZE INCHES | CATALOG NUMBER   | OUTSIDE WALL THICKNESS INCHES | DIAMETER WITH COATING INCHES | INTERNAL INSIDE DIAMETER INCHES | TRAVERSE AREA SQ. INCHES | NOMINAL WEIGHT | ALUMINUM CATALOG # |
|-------------------------|------------------|------------------|-------------------------------|------------------------------|---------------------------------|--------------------------|----------------|--------------------|
| 16                      | 1/2"             | PRHCONDUIT-1/2   | .104"                         | .920"                        | 0.632"                          | 0.314"                   | 85.0           | PRCONDUIT-AL-1/2   |
| 21                      | 3/4"             | PRHCONDUIT-3/4   | .107"                         | 1.130"                       | 0.836"                          | 0.549"                   | 112.0          | PRCONDUIT-AL-3/4   |
| 27                      | 1"               | PRHCONDUIT-1     | .126"                         | 1.395"                       | 1.063"                          | 0.887"                   | 164.0          | PRCONDUIT-AL-1     |
| 35                      | 1-1/4"           | PRHCONDUIT-1-1/4 | .133"                         | 1.740"                       | 1.394"                          | 1.526"                   | 217.0          | PRCONDUIT-AL-1-1/4 |
| 41                      | 1-1/2"           | PRHCONDUIT-1-1/2 | .138"                         | 1.980"                       | 1.624"                          | 2.071"                   | 268.0          | PRCONDUIT-AL-1-1/2 |
| 53                      | 2"               | PRHCONDUIT-2     | .146"                         | 2.455"                       | 2.083"                          | 3.408"                   | 358.0          | PRCONDUIT-AL-2     |
| 63                      | 2-1/2"           | PRHCONDUIT-2-1/2 | .193"                         | 2.955"                       | 2.489"                          | 4.866"                   | 546.0          | PRCONDUIT-AL-2-1/2 |
| 78                      | 3"               | PRHCONDUIT-3     | .205"                         | 3.580"                       | 3.090"                          | 7.499"                   | 708.0          | PRCONDUIT-AL-3     |
| 91                      | 3-1/2"           | PRHCONDUIT-3-1/2 | .215"                         | 4.080"                       | 3.570"                          | 10.010"                  | 851.0          | PRCONDUIT-AL-3-1/2 |
| 103                     | 4"               | PRHCONDUIT-4     | .225"                         | 4.580"                       | 4.050"                          | 12.882"                  | 1009.0         | PRCONDUIT-AL-4     |
| 129                     | 5"               | PRHCONDUIT-5     | .245"                         | 5.643"                       | 5.073"                          | 20.212"                  | 1337.0         | PRCONDUIT-AL-5     |
| 155                     | 6"               | PRHCONDUIT-6     | .266"                         | 6.705"                       | 6.093"                          | 29.158"                  | 1993.0         | PRCONDUIT-AL-6     |



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