

PVC Coated Couplings



All female pipe openings are provided with a PVC sleeve sized to fit tightly over the PVC coated conduit when assembled. This prevents corrosives from contacting threaded joints.



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Description:

PVC coated rigid metal conduit couplings with red urethane interior coating connects coated conduit sections. Electrical continuity is maintained across assembled joints. PVC sleeves on couplings seal off on conduit PVC coating when assembled to prevent corrosive liquids and vapors from attacking threaded joints.

Features:

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating over galvanized threads
- 12 trade sizes from 1/2" through 6"
- Sealing sleeves on both ends
- Molded external ribs on 1/2" – 4" to prevent tool damage during assembly
- Couplings are straight tapped

Standards:

Steel and Aluminum

- UL 6 (E2314); UL 6A (E98405)
- CSA C22.2 No. 45

Thread and Coupling Technical Data

COUPLING

| METRIC SIZE DESIGNATORS | PIPE SIZE INCHES | STEEL CATALOG # | NOMINAL WEIGHT PER 100 (POUNDS) | OUTSIDE DIAMETER WITH RIBS INCHES | THREADS PER INCH | THREADS | | | ALUMINUM CATALOG # |
|-------------------------|------------------|-----------------|---------------------------------|-----------------------------------|------------------|---------------------------------|--|---|--------------------|
| | | | | | | EFFECTIVE LENGTH L ₂ | TOTAL LENGTH OF THREADS TO VANISH POINT L ₄ | PITCH AT END OF THREAD 3/4 IN. TAPER E ₀ | |
| 16 | 1/2" | PRCPLG-1/2 | 19 | 1.344" | 14 | .5337" | .7815" | .7584" | PRCPLG-AL-1/2 |
| 21 | 3/4" | PRCPLG-3/4 | 32 | 1.531" | 14 | .5457" | .7935" | .9677" | PRCPLG-AL-3/4 |
| 27 | 1" | PRCPLG-1 | 40 | 1.781" | 11-1/2 | .6828" | .9845" | 1.2136" | PRCPLG-AL-1 |
| 35 | 1-1/4" | PRCPLG-1-1/4 | 50 | 2.156" | 11-1/2 | .7068" | 1.0085" | 1.5571" | PRCPLG-AL-1-1/4 |
| 41 | 1-1/2" | PRCPLG-1-1/2 | 69 | 2.469" | 11-1/2 | .7235" | 1.0252" | 1.7961" | PRCPLG-AL-1-1/2 |
| 53 | 2" | PRCPLG-2 | 93 | 2.969" | 11-1/2 | .7565" | 1.0582" | 2.2690" | PRCPLG-AL-2 |
| 63 | 2-1/2" | PRCPLG-2-1/2 | 123 | 3.594" | 8 | 1.1375" | 1.5712" | 2.7195" | PRCPLG-AL-2-1/2 |
| 78 | 3" | PRCPLG-3 | 217 | 4.250" | 8 | 1.2000" | 1.6337" | 3.3406" | PRCPLG-AL-3 |
| 91 | 3-1/2" | PRCPLG-3-1/2 | 422 | 4.875" | 8 | 1.2500" | 1.6837" | 3.8375" | PRCPLG-AL-3-1/2 |
| 103 | 4" | PRCPLG-4 | 391 | 5.250" | 8 | 1.3000" | 1.7337" | 4.3344" | PRCPLG-AL-4 |
| 129 | 5" | PRCPLG-5 | 550 | 6.080" | 8 | 1.4063" | 1.8400" | 5.3907" | PRCPLG-AL-5 |
| 155 | 6" | PRCPLG-6 | 884 | 7.280" | 8 | 1.5125" | 1.9462" | 6.4461" | PRCPLG-AL-6 |

Couplings are straight tapped.

Tolerance, thread length = ± 1 thread.

Plus or minus 1 turn is the maximum variation permitted from the gauging face of the working thread gauges.

This is equivalent to plus or minus 1 and 1-1/2 turns from the basic dimensions, since the variation of plus or minus 1/2 turn from basic dimension is permitted in working gauges.



Contact us:
customerservice@plastibond.com



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