



Conduit Bodies and Covers for General Service Locations

Description:

Plasti-Bond REDH₂OT conduit bodies with covers are offered in Form 8 and Form 7 styles, each with numerous configurations to provide a complete coated conduit system. May be used to make 90° bends, for pull outlets, to provide for taps or splices, to act as a mounting outlet for wiring devices or lighting fixtures, etc. Form 8 style fittings 1/2" – 4" have an integral V-Seal gasket for superior corrosion protection. Electrical continuity of the conduit system is maintained across assembled joints.

Features:

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- 10 trade sizes from 1/2" through 4"
- Sealing sleeves on all conduit openings
- Form 7 style cover uses retained stainless steel screw and wedge clip design
- Form 8 style cover uses plastic encapsulated stainless steel screws with retainers built into covers for trade sizes 1/2" through 2"
- Integral V-Seal gasket on Form 8 style, sizes 1/2" through 4"

Standards:

Steel and Aluminum

- UL 514A, 514D (E231035)
- CSA C22.2 No. 18, CSA C22.2 No. 42

Form 8 & Mark 9 Fittings – 1/2" – 4"

- IEC IP69
- UL Type 4X

Note: Form 7 fittings are not available with encapsulated screws.

All cover screws are stainless steel.

Conduit Bodies Technical Data



LL FORM 7

| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A | B | C | D | E | ALUMINUM CATALOG # |
|-----------|-------------------|----------------|-------|------|------|------|-------|--------------------|
| 1/2" | PRL17 | 1.2 | 4.60 | 1.42 | 2.29 | 0.94 | 3.19 | PRL17SA |
| 3/4" | PRL27 | 1.6 | 5.23 | 1.67 | 2.48 | 1.13 | 3.81 | PRL27SA |
| 1" | PRL37 | 2.1 | 6.04 | 1.92 | 2.79 | 1.38 | 4.50 | PRL37SA |
| 1-1/4" | PRL47 | 3.0 | 6.54 | 2.35 | 3.23 | 1.75 | 5.00 | PRL47SA |
| 1-1/2" | PRL57 | 4.1 | 7.17 | 2.60 | 3.60 | 1.94 | 5.44 | PRL57SA |
| 2" | PRL67 | 5.7 | 8.17 | 3.17 | 4.17 | 2.44 | 6.38 | PRL67SA |
| 2-1/2" | PRL777 | 10.0 | 10.54 | 3.67 | 5.79 | 3.56 | 8.38 | PRL777SA |
| 3" | PRL87 | 12.7 | 10.54 | 4.42 | 5.79 | 3.56 | 8.38 | PRL87SA |
| 3-1/2" | PRL97 | 19.0 | 12.73 | 4.92 | 6.98 | 4.50 | 10.25 | PRL97SA |
| 4" | PRL107 | 19.0 | 12.73 | 5.42 | 6.98 | 4.50 | 10.25 | PRL107SA |

LL FORM 8

| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A | B | C | D | E |
|-----------|-------------------|----------------|-------|------|------|------|-------|
| 1/2" | PRHLL18 | 1.4 | 4.98 | 1.48 | 2.20 | 1.00 | 3.31 |
| 3/4" | PRHLL28 | 2.1 | 5.60 | 1.73 | 2.35 | 1.19 | 3.94 |
| 1" | PRHLL38 | 2.6 | 6.51 | 1.98 | 2.67 | 1.38 | 4.56 |
| 1-1/4" | PRHLL448 | 4.2 | 7.61 | 2.42 | 3.20 | 1.75 | 5.31 |
| 1-1/2" | PRHLL58 | 6.2 | 9.17 | 2.82 | 4.04 | 2.13 | 6.50 |
| 2" | PRHLL68 | 10.5 | 11.04 | 3.60 | 5.04 | 3.00 | 8.56 |
| 2-1/2" | PRL78 | 19.0 | 13.98 | 4.48 | 6.73 | 4.25 | 10.88 |
| 3" | PRL888 | 21.5 | 13.98 | 4.85 | 6.73 | 4.25 | 10.88 |

LL MARK 9

| PIPE SIZE | NOMINAL WEIGHT | A | B | C | D | E | ALUMINUM CATALOG # |
|-----------|----------------|-------|------|------|------|-------|--------------------|
| 1/2" | 1.4 | 4.63 | 1.42 | 2.17 | 1.19 | 3.31 | PRL19 |
| 3/4" | 2.1 | 5.29 | 1.67 | 2.42 | 1.38 | 3.94 | PRL29 |
| 1" | 2.6 | 6.13 | 1.92 | 2.67 | 1.50 | 4.56 | PRL39 |
| 1-1/4" | 4.2 | 7.07 | 2.54 | 3.13 | 1.94 | 5.31 | PRL49 |
| 1-1/2" | 6.2 | 7.79 | 2.79 | 3.48 | 2.25 | 6.00 | PRL59 |
| 2" | 10.5 | 10.07 | 3.48 | 4.17 | 2.88 | 8.06 | PRL69 |
| 2-1/2" | 19.0 | 13.98 | 4.48 | 6.73 | 4.25 | 10.88 | PRL789 |
| 3" | 21.5 | 13.98 | 4.85 | 6.73 | 4.25 | 10.88 | PRL889 |
| 3-1/2" | 21.5 | 16.92 | 5.73 | 8.17 | 5.44 | 13.44 | PRL989 |
| 4" | 24.5 | 16.92 | 5.98 | 8.17 | 5.44 | 13.44 | PRL1089 |



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|-----------|-------------------|----------------|-------|------|------|------|-------|--------------------|
| 1/2" | PRLR17 | 1.2 | 4.60 | 1.42 | 2.29 | 0.94 | 3.19 | PRLR17SA |
| 3/4" | PRLR27 | 1.6 | 5.23 | 1.67 | 2.48 | 1.13 | 3.81 | PRLR27SA |
| 1" | PRLR37 | 2.1 | 6.04 | 1.92 | 2.79 | 1.38 | 4.50 | PRLR37SA |
| 1-1/4" | PRLR47 | 3.0 | 6.54 | 2.35 | 3.23 | 1.75 | 5.00 | PRLR47SA |
| 1-1/2" | PRLR57 | 4.1 | 7.17 | 2.60 | 3.60 | 1.94 | 5.44 | PRLR57SA |
| 2" | PRLR67 | 5.7 | 8.17 | 3.17 | 4.17 | 2.44 | 6.38 | PRLR67SA |
| 2-1/2" | PRLR777 | 10.0 | 10.54 | 3.67 | 5.79 | 3.56 | 8.38 | PRLR777SA |
| 3" | PRLR87 | 12.7 | 10.54 | 4.42 | 5.79 | 3.56 | 8.38 | PRLR87SA |
| 3-1/2" | PRLR97 | 19.0 | 12.73 | 4.92 | 6.98 | 4.50 | 10.25 | PRLR97SA |
| 4" | PRLR107 | 19.0 | 12.73 | 5.42 | 6.98 | 4.50 | 10.25 | PRLR107SA |

LR FORM 8

| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A | B | C | D | E |
|-----------|-------------------|----------------|-------|------|------|------|-------|
| 1/2" | PRHLR18 | 1.4 | 4.98 | 1.48 | 2.20 | 1.00 | 3.31 |
| 3/4" | PRHLR28 | 2.1 | 5.60 | 1.73 | 2.35 | 1.19 | 3.94 |
| 1" | PRHLR38 | 2.6 | 6.51 | 1.98 | 2.67 | 1.38 | 4.56 |
| 1-1/4" | PRHLR448 | 4.5 | 7.61 | 2.42 | 3.20 | 1.75 | 5.31 |
| 1-1/2" | PRHLR58 | 6.2 | 9.17 | 2.82 | 4.04 | 2.13 | 6.50 |
| 2" | PRHLR68 | 10.7 | 11.04 | 3.60 | 5.04 | 3.00 | 8.56 |
| 2-1/2" | PRLR78 | 17.7 | 13.98 | 4.48 | 6.73 | 4.25 | 10.88 |
| 3" | PRLR888 | 18.0 | 13.98 | 4.85 | 6.73 | 4.25 | 10.88 |

LR MARK 9

| PIPE SIZE | NOMINAL WEIGHT | A | B | C | D | E | ALUMINUM CATALOG # |
|-----------|----------------|-------|------|------|------|-------|--------------------|
| 1/2" | 1.4 | 4.63 | 1.42 | 2.17 | 1.19 | 3.31 | PRLR19 |
| 3/4" | 2.1 | 5.29 | 1.67 | 2.42 | 1.38 | 3.94 | PRLR29 |
| 1" | 2.6 | 6.13 | 1.92 | 2.67 | 1.50 | 4.56 | PRLR39 |
| 1-1/4" | 4.5 | 7.07 | 2.54 | 3.13 | 1.94 | 5.31 | PRLR49 |
| 1-1/2" | 6.2 | 7.79 | 2.79 | 3.48 | 2.25 | 6.00 | PRLR59 |
| 2" | 10.7 | 10.07 | 3.48 | 4.17 | 2.88 | 8.06 | PRLR69 |
| 2-1/2" | 17.7 | 13.98 | 4.48 | 6.73 | 4.25 | 10.88 | PRLR789 |
| 3" | 18.0 | 13.98 | 4.85 | 6.73 | 4.25 | 10.88 | PRLR889 |
| 3-1/2" | 21.0 | 16.92 | 5.73 | 8.17 | 5.44 | 13.44 | PRLR989 |
| 4" | 24.0 | 16.92 | 5.98 | 8.17 | 5.44 | 13.44 | PRLR1089 |



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Standards:

Steel and Aluminum

- UL 514A, 514D (E231035)
 - CSA C22.2 No. 18, CSA C22.2 No. 42
- #### Form 8 & Mark 9 Fittings – 1/2" – 4"
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|-----------|-------------------|----------------|-------|------|------|------|-------|--------------------|
| 1/2" | PRL17 | 1.2 | 4.60 | 1.42 | 2.29 | 0.94 | 3.19 | PRL17SA |
| 3/4" | PRL27 | 1.6 | 5.23 | 1.67 | 2.48 | 1.13 | 3.81 | PRL27SA |
| 1" | PRL37 | 2.1 | 6.04 | 1.92 | 2.79 | 1.38 | 4.50 | PRL37SA |
| 1-1/4" | PRL47 | 3.0 | 6.54 | 2.35 | 3.23 | 1.75 | 5.00 | PRL47SA |
| 1-1/2" | PRL57 | 4.1 | 7.17 | 2.60 | 3.60 | 1.94 | 5.44 | PRL57SA |
| 2" | PRL67 | 5.7 | 8.17 | 3.17 | 4.17 | 2.44 | 6.38 | PRL67SA |
| 2-1/2" | PRL777 | 10.0 | 10.54 | 3.67 | 5.79 | 3.56 | 8.38 | PRL777SA |
| 3" | PRL87 | 12.7 | 10.54 | 4.42 | 5.79 | 3.56 | 8.38 | PRL87SA |
| 3-1/2" | PRL97 | 19.0 | 12.73 | 4.92 | 6.98 | 4.50 | 10.25 | PRL97SA |
| 4" | PRL107 | 19.0 | 12.73 | 5.42 | 6.98 | 4.50 | 10.25 | PRL107SA |

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| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A | B | C | D | E |
|-----------|-------------------|----------------|-------|------|------|------|-------|
| 1/2" | PRHLL18 | 1.4 | 4.98 | 1.48 | 2.20 | 1.00 | 3.31 |
| 3/4" | PRHLL28 | 2.1 | 5.60 | 1.73 | 2.35 | 1.19 | 3.94 |
| 1" | PRHLL38 | 2.6 | 6.51 | 1.98 | 2.67 | 1.38 | 4.56 |
| 1-1/4" | PRHLL448 | 4.2 | 7.61 | 2.42 | 3.20 | 1.75 | 5.31 |
| 1-1/2" | PRHLL58 | 6.2 | 9.17 | 2.82 | 4.04 | 2.13 | 6.50 |
| 2" | PRHLL68 | 10.5 | 11.04 | 3.60 | 5.04 | 3.00 | 8.56 |
| 2-1/2" | PRL78 | 19.0 | 13.98 | 4.48 | 6.73 | 4.25 | 10.88 |
| 3" | PRL888 | 21.5 | 13.98 | 4.85 | 6.73 | 4.25 | 10.88 |

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| 3/4" | 2.1 | 5.29 | 1.67 | 2.42 | 1.38 | 3.94 | PRL29 |
| 1" | 2.6 | 6.13 | 1.92 | 2.67 | 1.50 | 4.56 | PRL39 |
| 1-1/4" | 4.2 | 7.07 | 2.54 | 3.13 | 1.94 | 5.31 | PRL49 |
| 1-1/2" | 6.2 | 7.79 | 2.79 | 3.48 | 2.25 | 6.00 | PRL59 |
| 2" | 10.5 | 10.07 | 3.48 | 4.17 | 2.88 | 8.06 | PRL69 |
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| 1-1/2" | PRLR57 | 4.1 | 7.17 | 2.60 | 3.60 | 1.94 | 5.44 | PRLR57SA |
| 2" | PRLR67 | 5.7 | 8.17 | 3.17 | 4.17 | 2.44 | 6.38 | PRLR67SA |
| 2-1/2" | PRLR777 | 10.0 | 10.54 | 3.67 | 5.79 | 3.56 | 8.38 | PRLR777SA |
| 3" | PRLR87 | 12.7 | 10.54 | 4.42 | 5.79 | 3.56 | 8.38 | PRLR87SA |
| 3-1/2" | PRLR97 | 19.0 | 12.73 | 4.92 | 6.98 | 4.50 | 10.25 | PRLR97SA |
| 4" | PRLR107 | 19.0 | 12.73 | 5.42 | 6.98 | 4.50 | 10.25 | PRLR107SA |

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