



## Conduit Bodies and Covers for General Service Locations

### Description:

Plasti-Bond REDH<sub>2</sub>OT 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 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            |



### LR FORM 7

| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A     | B    | C    | D    | E     | ALUMINUM CATALOG # |
|-----------|-------------------|----------------|-------|------|------|------|-------|--------------------|
| 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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### 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 screw and wedge clip design
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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"
- 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            |



### LR FORM 7

| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A     | B    | C    | D    | E     | ALUMINUM CATALOG # |
|-----------|-------------------|----------------|-------|------|------|------|-------|--------------------|
| 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           |