



## 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 and Covers

## Conduit Bodies Technical Data



### C FORM 7

| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A     | B    | C    | D    | E    | ALUMINUM CATALOG # |
|-----------|-------------------|----------------|-------|------|------|------|------|--------------------|
| 1/2"      | PRC17             | 1.0            | 5.38  | 1.42 | 1.46 | 0.94 | 3.19 | PRC17SA            |
| 3/4"      | PRC27             | 1.4            | 6.00  | 1.67 | 1.64 | 1.13 | 3.81 | PRC27SA            |
| 1"        | PRC37             | 2.2            | 7.00  | 1.92 | 1.83 | 1.38 | 4.50 | PRC37SA            |
| 1-1/4"    | PRC47             | 2.7            | 7.44  | 2.35 | 2.27 | 1.75 | 5.00 | PRC47SA            |
| 1-1/2"    | PRC57             | 4.0            | 8.19  | 2.60 | 2.52 | 1.94 | 5.44 | PRC57SA            |
| 2"        | PRC67             | 5.5            | 9.19  | 3.17 | 3.08 | 2.44 | 6.38 | PRC67SA            |
| 2-1/2"    | PRC77             | 10.0           | 12.00 | 3.67 | 4.33 | 3.56 | 8.38 | PRC77SA            |
| 3"        | PRC87             | 11.8           | 11.75 | 4.42 | 4.33 | 3.56 | 8.38 | PRC87SA            |

### C FORM 8

| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A     | B    | C    | D    | E     |
|-----------|-------------------|----------------|-------|------|------|------|-------|
| 1/2"      | PRHC18            | 2.0            | 5.69  | 1.48 | 1.46 | 1.00 | 3.31  |
| 3/4"      | PRHC28            | 2.3            | 6.28  | 1.73 | 1.27 | 1.19 | 3.94  |
| 1"        | PRHC38            | 2.8            | 7.31  | 1.98 | 1.83 | 1.38 | 4.56  |
| 1-1/4"    | PRHC448           | 4.5            | 8.50  | 2.42 | 2.27 | 1.75 | 5.31  |
| 1-1/2"    | PRHC58            | 6.5            | 10.38 | 2.82 | 2.83 | 2.13 | 6.50  |
| 2"        | PRHC68            | 10.3           | 12.25 | 3.60 | 3.83 | 3.00 | 8.56  |
| 2-1/2"    | PRC78             | 18.0           | 15.63 | 4.48 | 5.08 | 4.25 | 10.88 |
| 3"        | PRC88             | 20.5           | 15.63 | 4.85 | 5.08 | 4.25 | 10.88 |

### C MARK 9

| PIPE SIZE | NOMINAL WEIGHT | A     | B    | C    | D    | E     | ALUMINUM CATALOG # |
|-----------|----------------|-------|------|------|------|-------|--------------------|
| 1/2"      | 2.0            | 5.00  | 1.42 | 1.46 | 1.19 | 3.31  | PRC19              |
| 3/4"      | 2.3            | 5.69  | 1.67 | 1.64 | 1.38 | 3.94  | PRC29              |
| 1"        | 2.8            | 6.59  | 1.92 | 1.83 | 1.50 | 4.56  | PRC39              |
| 1-1/4"    | 4.5            | 7.50  | 2.54 | 2.27 | 1.94 | 5.31  | PRC49              |
| 1-1/2"    | 6.5            | 8.25  | 2.79 | 2.58 | 2.25 | 6.00  | PRC59              |
| 2"        | 10.3           | 10.50 | 3.48 | 3.27 | 2.88 | 8.06  | PRC69              |
| 2-1/2"    | 18.0           | 15.63 | 4.48 | 5.08 | 4.25 | 10.88 | PRC789             |
| 3"        | 20.5           | 15.63 | 4.85 | 5.08 | 4.25 | 10.88 | PRC889             |
| 3-1/2"    | 10.0           | 18.75 | 5.73 | 6.33 | 5.44 | 13.44 | PRC989             |
| 4"        | 12.0           | 18.75 | 5.98 | 6.33 | 5.44 | 13.44 | PRC1089            |



### LB FORM 7

| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A     | B    | C    | D    | E     | ALUMINUM CATALOG # |
|-----------|-------------------|----------------|-------|------|------|------|-------|--------------------|
| 1/2"      | PRLB17            | 1.1            | 4.60  | 2.25 | 1.46 | 0.94 | 3.19  | PRLB17SA           |
| 3/4"      | PRLB27            | 1.7            | 5.24  | 2.50 | 1.64 | 1.13 | 3.81  | PRLB27SA           |
| 1"        | PRLB37            | 2.2            | 6.04  | 2.88 | 1.83 | 1.38 | 4.50  | PRLB37SA           |
| 1-1/4"    | PRLB47            | 3.1            | 6.54  | 3.31 | 2.27 | 1.75 | 5.00  | PRLB47SA           |
| 1-1/2"    | PRLB57            | 3.8            | 7.17  | 3.69 | 2.52 | 1.94 | 5.44  | PRLB57SA           |
| 2"        | PRLB67            | 5.2            | 8.17  | 4.25 | 3.08 | 2.44 | 6.38  | PRLB67SA           |
| 2-1/2"    | PRLB777           | 10.0           | 10.54 | 5.13 | 4.33 | 3.56 | 8.38  | PRLB777SA          |
| 3"        | PRLB87            | 13.0           | 10.54 | 5.88 | 4.33 | 3.56 | 8.38  | PRLB87SA           |
| 3-1/2"    | PRLB97            | 19.0           | 12.73 | 6.56 | 5.33 | 4.50 | 10.25 | PRLB97SA           |
| 4"        | PRLB107           | 18.5           | 12.73 | 7.06 | 5.33 | 4.50 | 10.25 | PRLB107SA          |

### LB FORM 8

| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A     | B    | C    | D    | E     |
|-----------|-------------------|----------------|-------|------|------|------|-------|
| 1/2"      | PRHLB18           | 1.5            | 4.98  | 2.22 | 1.46 | 1.00 | 3.31  |
| 3/4"      | PRHLB28           | 2.0            | 5.60  | 2.44 | 1.64 | 1.19 | 3.94  |
| 1"        | PRHLB38           | 2.9            | 6.51  | 2.81 | 1.83 | 1.38 | 4.56  |
| 1-1/4"    | PRHLB448          | 4.1            | 7.57  | 3.34 | 2.27 | 1.75 | 5.31  |
| 1-1/2"    | PRHLB58           | 6.5            | 9.17  | 4.03 | 2.83 | 2.13 | 6.50  |
| 2"        | PRHLB68           | 8.2            | 11.04 | 4.81 | 3.83 | 3.00 | 8.56  |
| 2-1/2"    | PRLB78            | 18.2           | 13.98 | 6.13 | 5.08 | 4.25 | 10.88 |
| 3"        | PRLB888           | 21.2           | 13.98 | 6.50 | 5.08 | 4.25 | 10.88 |
| 3-1/2"    | PRLB98            | 31.2           | 16.92 | 7.56 | 6.33 | 5.44 | 13.44 |
| 4"        | PRLB108           | 32.0           | 16.92 | 7.81 | 6.33 | 5.44 | 13.44 |

### LB MARK 9

| PIPE SIZE | NOMINAL WEIGHT | A     | B    | C    | D    | E     | ALUMINUM CATALOG # |
|-----------|----------------|-------|------|------|------|-------|--------------------|
| 1/2"      | 1.5            | 4.63  | 2.13 | 1.46 | 1.19 | 3.31  | PRLB19             |
| 3/4"      | 2.0            | 5.29  | 2.41 | 1.64 | 1.38 | 3.94  | PRLB29             |
| 1"        | 2.9            | 6.13  | 2.84 | 1.83 | 1.50 | 4.56  | PRLB39             |
| 1-1/4"    | 4.1            | 7.07  | 3.47 | 2.27 | 1.94 | 5.31  | PRLB49             |
| 1-1/2"    | 6.5            | 7.79  | 3.75 | 2.58 | 2.25 | 6.00  | PRLB59             |
| 2"        | 8.2            | 10.07 | 4.47 | 3.27 | 2.88 | 8.06  | PRLB69             |
| 2-1/2"    | 18.2           | 13.98 | 6.13 | 5.08 | 4.25 | 10.88 | PRLB789            |
| 3"        | 21.2           | 13.98 | 6.50 | 5.08 | 4.25 | 10.88 | PRLB889            |
| 3-1/2"    | 31.2           | 16.92 | 7.56 | 6.33 | 5.44 | 13.44 | PRLB989            |
| 4"        | 32.0           | 16.92 | 7.81 | 6.33 | 5.44 | 13.44 | PRLB1089           |



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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
- 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 and Covers

## Conduit Bodies Technical Data



### C FORM 8

| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A     | B    | C    | D    | E     |
|-----------|-------------------|----------------|-------|------|------|------|-------|
| 1/2"      | PRHC18            | 2.0            | 5.69  | 1.48 | 1.46 | 1.00 | 3.31  |
| 3/4"      | PRHC28            | 2.3            | 6.28  | 1.73 | 1.27 | 1.19 | 3.94  |
| 1"        | PRHC38            | 2.8            | 7.31  | 1.98 | 1.83 | 1.38 | 4.56  |
| 1-1/4"    | PRHC448           | 4.5            | 8.50  | 2.42 | 2.27 | 1.75 | 5.31  |
| 1-1/2"    | PRHC58            | 6.5            | 10.38 | 2.82 | 2.83 | 2.13 | 6.50  |
| 2"        | PRHC68            | 10.3           | 12.25 | 3.60 | 3.83 | 3.00 | 8.56  |
| 2-1/2"    | PRC78             | 18.0           | 15.63 | 4.48 | 5.08 | 4.25 | 10.88 |
| 3"        | PRC88             | 20.5           | 15.63 | 4.85 | 5.08 | 4.25 | 10.88 |

### C FORM 7

| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A     | B    | C    | D    | E    | ALUMINUM CATALOG # |
|-----------|-------------------|----------------|-------|------|------|------|------|--------------------|
| 1/2"      | PRC17             | 1.0            | 5.38  | 1.42 | 1.46 | 0.94 | 3.19 | PRC17SA            |
| 3/4"      | PRC27             | 1.4            | 6.00  | 1.67 | 1.64 | 1.13 | 3.81 | PRC27SA            |
| 1"        | PRC37             | 2.2            | 7.00  | 1.92 | 1.83 | 1.38 | 4.50 | PRC37SA            |
| 1-1/4"    | PRC47             | 2.7            | 7.44  | 2.35 | 2.27 | 1.75 | 5.00 | PRC47SA            |
| 1-1/2"    | PRC57             | 4.0            | 8.19  | 2.60 | 2.52 | 1.94 | 5.44 | PRC57SA            |
| 2"        | PRC67             | 5.5            | 9.19  | 3.17 | 3.08 | 2.44 | 6.38 | PRC67SA            |
| 2-1/2"    | PRC77             | 10.0           | 12.00 | 3.67 | 4.33 | 3.56 | 8.38 | PRC77SA            |
| 3"        | PRC87             | 11.8           | 11.75 | 4.42 | 4.33 | 3.56 | 8.38 | PRC87SA            |

### C MARK 9

| PIPE SIZE | NOMINAL WEIGHT | A     | B    | C    | D    | E     | ALUMINUM CATALOG # |
|-----------|----------------|-------|------|------|------|-------|--------------------|
| 1/2"      | 2.0            | 5.00  | 1.42 | 1.46 | 1.19 | 3.31  | PRC19              |
| 3/4"      | 2.3            | 5.69  | 1.67 | 1.64 | 1.38 | 3.94  | PRC29              |
| 1"        | 2.8            | 6.59  | 1.92 | 1.83 | 1.50 | 4.56  | PRC39              |
| 1-1/4"    | 4.5            | 7.50  | 2.54 | 2.27 | 1.94 | 5.31  | PRC49              |
| 1-1/2"    | 6.5            | 8.25  | 2.79 | 2.58 | 2.25 | 6.00  | PRC59              |
| 2"        | 10.3           | 10.50 | 3.48 | 3.27 | 2.88 | 8.06  | PRC69              |
| 2-1/2"    | 18.0           | 15.63 | 4.48 | 5.08 | 4.25 | 10.88 | PRC789             |
| 3"        | 20.5           | 15.63 | 4.85 | 5.08 | 4.25 | 10.88 | PRC889             |
| 3-1/2"    | 10.0           | 18.75 | 5.73 | 6.33 | 5.44 | 13.44 | PRC989             |
| 4"        | 12.0           | 18.75 | 5.98 | 6.33 | 5.44 | 13.44 | PRC1089            |



### LB FORM 8

| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A     | B    | C    | D    | E     |
|-----------|-------------------|----------------|-------|------|------|------|-------|
| 1/2"      | PRHLB18           | 1.5            | 4.98  | 2.22 | 1.46 | 1.00 | 3.31  |
| 3/4"      | PRHLB28           | 2.0            | 5.60  | 2.44 | 1.64 | 1.19 | 3.94  |
| 1"        | PRHLB38           | 2.9            | 6.51  | 2.81 | 1.83 | 1.38 | 4.56  |
| 1-1/4"    | PRHLB448          | 4.1            | 7.57  | 3.34 | 2.27 | 1.75 | 5.31  |
| 1-1/2"    | PRHLB58           | 6.5            | 9.17  | 4.03 | 2.83 | 2.13 | 6.50  |
| 2"        | PRHLB68           | 8.2            | 11.04 | 4.81 | 3.83 | 3.00 | 8.56  |
| 2-1/2"    | PRLB78            | 18.2           | 13.98 | 6.13 | 5.08 | 4.25 | 10.88 |
| 3"        | PRLB888           | 21.2           | 13.98 | 6.50 | 5.08 | 4.25 | 10.88 |
| 3-1/2"    | PRLB98            | 31.2           | 16.92 | 7.56 | 6.33 | 5.44 | 13.44 |
| 4"        | PRLB108           | 32.0           | 16.92 | 7.81 | 6.33 | 5.44 | 13.44 |

### LB FORM 7

| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A     | B    | C    | D    | E     | ALUMINUM CATALOG # |
|-----------|-------------------|----------------|-------|------|------|------|-------|--------------------|
| 1/2"      | PRLB17            | 1.1            | 4.60  | 2.25 | 1.46 | 0.94 | 3.19  | PRLB17SA           |
| 3/4"      | PRLB27            | 1.7            | 5.24  | 2.50 | 1.64 | 1.13 | 3.81  | PRLB27SA           |
| 1"        | PRLB37            | 2.2            | 6.04  | 2.88 | 1.83 | 1.38 | 4.50  | PRLB37SA           |
| 1-1/4"    | PRLB47            | 3.1            | 6.54  | 3.31 | 2.27 | 1.75 | 5.00  | PRLB47SA           |
| 1-1/2"    | PRLB57            | 3.8            | 7.17  | 3.69 | 2.52 | 1.94 | 5.44  | PRLB57SA           |
| 2"        | PRLB67            | 5.2            | 8.17  | 4.25 | 3.08 | 2.44 | 6.38  | PRLB67SA           |
| 2-1/2"    | PRLB777           | 10.0           | 10.54 | 5.13 | 4.33 | 3.56 | 8.38  | PRLB777SA          |
| 3"        | PRLB87            | 13.0           | 10.54 | 5.88 | 4.33 | 3.56 | 8.38  | PRLB87SA           |
| 3-1/2"    | PRLB97            | 19.0           | 12.73 | 6.56 | 5.33 | 4.50 | 10.25 | PRLB97SA           |
| 4"        | PRLB107           | 18.5           | 12.73 | 7.06 | 5.33 | 4.50 | 10.25 | PRLB107SA          |

### LB MARK 9

| PIPE SIZE | NOMINAL WEIGHT | A     | B    | C    | D    | E     | ALUMINUM CATALOG # |
|-----------|----------------|-------|------|------|------|-------|--------------------|
| 1/2"      | 1.5            | 4.63  | 2.13 | 1.46 | 1.19 | 3.31  | PRLB19             |
| 3/4"      | 2.0            | 5.29  | 2.41 | 1.64 | 1.38 | 3.94  | PRLB29             |
| 1"        | 2.9            | 6.13  | 2.84 | 1.83 | 1.50 | 4.56  | PRLB39             |
| 1-1/4"    | 4.1            | 7.07  | 3.47 | 2.27 | 1.94 | 5.31  | PRLB49             |
| 1-1/2"    | 6.5            | 7.79  | 3.75 | 2.58 | 2.25 | 6.00  | PRLB59             |
| 2"        | 8.2            | 10.07 | 4.47 | 3.27 | 2.88 | 8.06  | PRLB69             |
| 2-1/2"    | 18.2           | 13.98 | 6.13 | 5.08 | 4.25 | 10.88 | PRLB789            |
| 3"        | 21.2           | 13.98 | 6.50 | 5.08 | 4.25 | 10.88 | PRLB889            |
| 3-1/2"    | 31.2           | 16.92 | 7.56 | 6.33 | 5.44 | 13.44 | PRLB989            |
| 4"        | 32.0           | 16.92 | 7.81 | 6.33 | 5.44 | 13.44 | PRLB1089           |



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