



## 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



### T FORM 8

| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A     | B    | C    | D    | E     |
|-----------|-------------------|----------------|-------|------|------|------|-------|
| 1/2"      | PRHT18            | 1.8            | 5.69  | 1.79 | 2.20 | 1.00 | 3.31  |
| 3/4"      | PRHT28            | 2.5            | 6.28  | 2.04 | 2.35 | 1.19 | 3.94  |
| 1"        | PRHT38            | 3.3            | 7.31  | 2.29 | 2.67 | 1.38 | 4.56  |
| 1-1/4"    | PRHT448           | 4.9            | 8.50  | 2.67 | 3.20 | 1.75 | 5.31  |
| 1-1/2"    | PRHT58            | 7.5            | 10.38 | 2.82 | 4.04 | 2.13 | 6.50  |
| 2"        | PRHT68            | 11.7           | 12.25 | 3.60 | 5.04 | 3.00 | 8.56  |
| 2-1/2"    | PRT78             | 19.8           | 15.63 | 4.48 | 6.73 | 4.25 | 10.88 |
| 3"        | PRT88             | 23.5           | 15.63 | 4.85 | 6.73 | 4.25 | 10.88 |

### T FORM 7

| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A     | B    | C    | D    | E     | ALUMINUM CATALOG # |
|-----------|-------------------|----------------|-------|------|------|------|-------|--------------------|
| 1/2"      | PRT17             | 1.5            | 5.63  | 1.79 | 2.48 | 0.94 | 3.19  | PRT17SA            |
| 3/4"      | PRT27             | 2.1            | 6.25  | 2.04 | 2.67 | 1.13 | 3.81  | PRT27SA            |
| 1"        | PRT37             | 2.9            | 7.25  | 2.29 | 3.04 | 1.38 | 4.50  | PRT37SA            |
| 1-1/4"    | PRT47             | 3.6            | 7.44  | 2.35 | 3.23 | 1.75 | 5.00  | PRT47SA            |
| 1-1/2"    | PRT57             | 4.5            | 8.19  | 2.60 | 3.60 | 1.94 | 5.44  | PRT57SA            |
| 2"        | PRT67             | 6.5            | 9.19  | 3.17 | 4.17 | 2.44 | 6.38  | PRT67SA            |
| 2-1/2"    | PRT77             | 10.7           | 12.00 | 3.67 | 5.79 | 3.56 | 8.38  | PRT77SA            |
| 3"        | PRT87             | 15.4           | 12.06 | 4.42 | 5.79 | 3.56 | 8.38  | PRT87SA            |
| 3-1/2"    | PRT97             | 19.0           | 14.31 | 4.92 | 6.98 | 4.50 | 10.25 | PRT97SA            |
| 4"        | PRT107            | 21.0           | 14.31 | 5.42 | 6.98 | 4.50 | 10.25 | PRT107SA           |

### T MARK 9

| PIPE SIZE | NOMINAL WEIGHT | A     | B    | C    | D    | E     | ALUMINUM CATALOG # |
|-----------|----------------|-------|------|------|------|-------|--------------------|
| 1/2"      | 1.8            | 5.00  | 1.42 | 2.17 | 1.19 | 3.31  | PRT19              |
| 3/4"      | 2.5            | 5.69  | 1.92 | 2.42 | 1.38 | 3.31  | PRT29              |
| 1"        | 3.3            | 6.59  | 1.92 | 2.67 | 1.50 | 4.56  | PRT39              |
| 1-1/4"    | 4.9            | 7.50  | 2.54 | 3.13 | 1.94 | 5.31  | PRT49              |
| 1-1/2"    | 7.5            | 8.25  | 2.79 | 3.48 | 2.25 | 6.00  | PRT59              |
| 2"        | 11.7           | 10.50 | 3.48 | 4.17 | 2.88 | 8.06  | PRT69              |
| 2-1/2"    | 19.8           | 15.63 | 4.48 | 6.73 | 4.25 | 10.88 | PRT789             |
| 3"        | 23.5           | 15.63 | 4.85 | 6.73 | 4.25 | 10.88 | PRT889             |
| 3-1/2"    | 21.0           | 18.75 | 5.73 | 8.17 | 5.44 | 13.44 | PRT989             |
| 4"        | 24.0           | 18.75 | 5.98 | 8.17 | 5.44 | 13.44 | PRT1089            |

## REPLACEMENT SCREW KITS

| CATALOG #      | DESCRIPTION                       |
|----------------|-----------------------------------|
| PBSCREW-KIT-1  | 1/2" and 3/4" FORM 8 ENCAP SCREWS |
| PBSCREW-KIT-2  | 1" and 1-1/4" FORM 8 ENCAP SCREWS |
| PBSCREW-KIT-3  | 1-1/2" FORM 8 ENCAP SCREWS        |
| PBSCREW-KIT-4  | 2" FORM 8 ENCAP SCREWS            |
| PBSCREW-KIT-5  | 2-1/2" and 3" FORM 8 ENCAP SCREWS |
| PBSCREW-KIT-6  | 3-1/2" and 4" FORM 8 ENCAP SCREWS |
| PBSCREW-KIT-7  | 1/2" OE ENCAP SCREWS              |
| PBSCREW-KIT-8  | 3/4" OE ENCAP SCREWS              |
| PBSCREW-KIT-9  | 1-1/4" LBD ENCAP SCREWS           |
| PBSCREW-KIT-10 | 1-1/2" LBD ENCAP SCREWS           |
| PBSCREW-KIT-11 | 2" LBD ENCAP SCREWS               |
| PBSCREW-KIT-12 | 2-1/2" and 3" LBD ENCAP SCREWS    |
| PBSCREW-KIT-13 | 2-1/2" and 3" MARK 9 ENCAP SCREWS |
| PBSCREW-KIT-14 | 3-1/2" and 4" MARK 9 ENCAP SCREWS |



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### Standards:

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- 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



### T FORM 8

| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A     | B    | C    | D    | E     |
|-----------|-------------------|----------------|-------|------|------|------|-------|
| 1/2"      | PRHT18            | 1.8            | 5.69  | 1.79 | 2.20 | 1.00 | 3.31  |
| 3/4"      | PRHT28            | 2.5            | 6.28  | 2.04 | 2.35 | 1.19 | 3.94  |
| 1"        | PRHT38            | 3.3            | 7.31  | 2.29 | 2.67 | 1.38 | 4.56  |
| 1-1/4"    | PRHT448           | 4.9            | 8.50  | 2.67 | 3.20 | 1.75 | 5.31  |
| 1-1/2"    | PRHT58            | 7.5            | 10.38 | 2.82 | 4.04 | 2.13 | 6.50  |
| 2"        | PRHT68            | 11.7           | 12.25 | 3.60 | 5.04 | 3.00 | 8.56  |
| 2-1/2"    | PRT78             | 19.8           | 15.63 | 4.48 | 6.73 | 4.25 | 10.88 |
| 3"        | PRT88             | 23.5           | 15.63 | 4.85 | 6.73 | 4.25 | 10.88 |

### T FORM 7

| PIPE SIZE | FERROUS CATALOG # | NOMINAL WEIGHT | A     | B    | C    | D    | E     | ALUMINUM CATALOG # |
|-----------|-------------------|----------------|-------|------|------|------|-------|--------------------|
| 1/2"      | PRT17             | 1.5            | 5.63  | 1.79 | 2.48 | 0.94 | 3.19  | PRT17SA            |
| 3/4"      | PRT27             | 2.1            | 6.25  | 2.04 | 2.67 | 1.13 | 3.81  | PRT27SA            |
| 1"        | PRT37             | 2.9            | 7.25  | 2.29 | 3.04 | 1.38 | 4.50  | PRT37SA            |
| 1-1/4"    | PRT47             | 3.6            | 7.44  | 2.35 | 3.23 | 1.75 | 5.00  | PRT47SA            |
| 1-1/2"    | PRT57             | 4.5            | 8.19  | 2.60 | 3.60 | 1.94 | 5.44  | PRT57SA            |
| 2"        | PRT67             | 6.5            | 9.19  | 3.17 | 4.17 | 2.44 | 6.38  | PRT67SA            |
| 2-1/2"    | PRT77             | 10.7           | 12.00 | 3.67 | 5.79 | 3.56 | 8.38  | PRT77SA            |
| 3"        | PRT87             | 15.4           | 12.06 | 4.42 | 5.79 | 3.56 | 8.38  | PRT87SA            |
| 3-1/2"    | PRT97             | 19.0           | 14.31 | 4.92 | 6.98 | 4.50 | 10.25 | PRT97SA            |
| 4"        | PRT107            | 21.0           | 14.31 | 5.42 | 6.98 | 4.50 | 10.25 | PRT107SA           |

### T MARK 9

| PIPE SIZE | NOMINAL WEIGHT | A     | B    | C    | D    | E     | ALUMINUM CATALOG # |
|-----------|----------------|-------|------|------|------|-------|--------------------|
| 1/2"      | 1.8            | 5.00  | 1.42 | 2.17 | 1.19 | 3.31  | PRT19              |
| 3/4"      | 2.5            | 5.69  | 1.92 | 2.42 | 1.38 | 3.31  | PRT29              |
| 1"        | 3.3            | 6.59  | 1.92 | 2.67 | 1.50 | 4.56  | PRT39              |
| 1-1/4"    | 4.9            | 7.50  | 2.54 | 3.13 | 1.94 | 5.31  | PRT49              |
| 1-1/2"    | 7.5            | 8.25  | 2.79 | 3.48 | 2.25 | 6.00  | PRT59              |
| 2"        | 11.7           | 10.50 | 3.48 | 4.17 | 2.88 | 8.06  | PRT69              |
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| 3"        | 23.5           | 15.63 | 4.85 | 6.73 | 4.25 | 10.88 | PRT889             |
| 3-1/2"    | 21.0           | 18.75 | 5.73 | 8.17 | 5.44 | 13.44 | PRT989             |
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