



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 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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 - 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

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|-----------|-------------------|----------------|-------|------|------|------|-------|
| 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 |
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| 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 |
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| 1-1/2" | 7.5 | 8.25 | 2.79 | 3.48 | 2.25 | 6.00 | PRT59 |
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