

# Rail Joint Bond Kit, Power



The nVent ERICO Cadweld joint bonds are intended to be welded to the head of the rail profile within the confines of the joint bar. To ensure connection integrity, the attachment shall be made using nVent ERICO Cadweld welding material.

## FEATURES

- Provides unchanging electrical resistance
- Superior corrosion resistance
- Easy installation, with minimum installer training required
- Simple and highly-portable installation equipment
- Equally usable on old, worn, or new rails
- Highly durable

## SPECIFICATIONS

- Finish:** Bare;Copper Plated
- Bond Terminal Style:** C
- Material:** Copper;Steel

Table 1/1

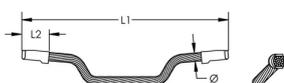
| Catalog Number | Conductor Size | Length 1 (L1) | Length 2 (L2) | Diameter (Ø) |
|----------------|----------------|---------------|---------------|--------------|
| PBC12J9        | 2/0 Ropelay    | 169.9 mm      | 30.2 mm       | 12 mm        |
| PBC12J13       | 2/0 Ropelay    | 247.6 mm      | 30.2 mm       | 12 mm        |
| PBC12S9        | 4/0 Ropelay    | 198.4 mm      | 34.9 mm       | 15.3 mm      |
| PBC12S13       | 4/0 Ropelay    | 273.1 mm      | 34.9 mm       | 15.2 mm      |

| Catalog Number | Conductor Size    | Length 1 (L1) | Length 2 (L2) | Diameter (Ø) |
|----------------|-------------------|---------------|---------------|--------------|
| PBC12W24       | 250 kcmil Ropelay | 552.5 mm      | 34.9 mm       | 16.6 mm      |
| PBC12W13       | 250 kcmil Ropelay | 273.1 mm      | 34.9 mm       | 16.6 mm      |

## ADDITIONAL PRODUCT DETAILS

Kit includes: (50) bonds, (100) F80 alloy welding material, (2) replacement molds, (1) flint ignitor, (1) mold cleaner, and instruction prints.

## DIAGRAMS



## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

⚠ WARNING: This product can expose you to chemicals including silica, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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