

# 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

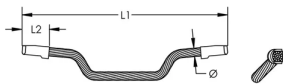
Catalog Number	Conductor Size	Length 1 (L1)	Length 2 (L2)	Diameter (Ø)
PBC12J9	2/0 Ropelay	169.9 mm	30.2 mm	12 mm
PBC12J13	2/0 Ropelay	247.6 mm	30.2 mm	12 mm
PBC12S9	4/0 Ropelay	198.4 mm	34.9 mm	15.3 mm
PBC12S13	4/0 Ropelay	273.1 mm	34.9 mm	15.2 mm

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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