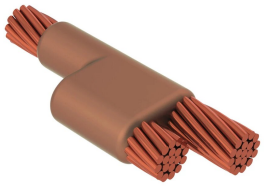
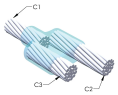
Cable to Cable to Cable, Rail



nVent ERICO Cadweld applications for railway properties utilize the nVent ERICO Cadweld Plus F80 and the nVent ERICO Cadweld F80 welding material alloys. nVent ERICO Cadweld exothermically welded connections are engineered to provide a permanent, molecular bond that will not loosen or corrode, enabling connection of dissimilar materials. The connections are designed to perform for the life of the conductor and/or installation. The nVent ERICO Cadweld connection has a current carrying capacity equal to or greater than that of the conductor and will withstand repeated fault currents without failing during operation. Once completed, installers can clearly ensure quality by visually inspecting the new connection.

DIAGRAMS



FEATURES

- Forms a permanent, low resistance connection
- Provides a molecular bond
- nVent ERICO Cadweld Exothermic Connections are rated with the same current capacity as the conductor
- Portable installation equipment with no external source of power required
- Installers can be easily trained to make nVent ERICO Cadweld Exothermic Connections
- Connections can be visually inspected

SPECIFICATIONS

Table 1/2

Catalog Number	Mold Family	Conductor 1	Conductor 1 Outer Diameter, Nominal	Conductor 2	Conductor 2 Outer Diameter, Nominal	Conductor 3
PB63SC3Q3Q	SC	500 kcmil Concentric	20.65mm	500 kcmil Concentric	20.65mm	500 kcmil Concentric

Catalog Number	Mold Family	Conductor 1	Conductor 1 Outer Diameter, Nominal	Conductor 2	Conductor 2 Outer Diameter, Nominal	Conductor 3
PB63SCP9X9	SC	500 mm² Concentric	28.7mm	240 mm² Ropelay	23.62mm	240 mm² Ropelay
PB63SC4L4T	SC	750 kcmil Concentric	25.35mm	1325/#24 Ropelay	24.94mm	1325/#24 Ropelay
PB33SC3S3S	SC	500 kcmil Ropelay	26.42mm	500 kcmil Ropelay	26.42mm	500 kcmil Ropelay
PB63SC4Y3S	SC	1000 kcmil Concentric	29.26mm	500 kcmil Ropelay	26.42mm	500 kcmil Ropelay
PB63SC4N3S	SC	750 kcmil Ropelay	29.34mm	500 kcmil Ropelay	26.42mm	500 kcmil Ropelay

Table 2/2

Catalog Number	Conductor 3 Outer Diameter, Nominal
PB63SC3Q3Q	20.65mm
PB63SCP9X9	23.62mm
PB63SC4L4T	24.94mm
PB33SC3S3S	26.42mm
PB63SC4Y3S	26.42mm
PB63SC4N3S	26.42mm

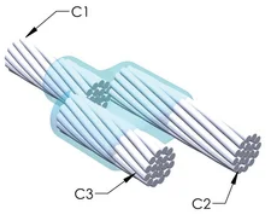
ADDITIONAL PRODUCT DETAILS

For applications such as computer room, tunnel or other low-ventilation areas, specify a smokeless nVent ERICO Cadweld Exolon mold. Add an XL prefix to the standard mold part number when ordering (for example, a PB10GR162G becomes XLPB10GR162G). Similarly, nVent ERICO Cadweld Exolon welding material is also designated by the XL prefix (for example, PB90 becomes XLPB90).

XXXX-XX-XX-XX-L-M-W		
XXXX	Price Key	
XX	Mold Family	
XX	Conductor Code 1	
XX	Conductor Code 2 and 3	
L*	Split Crucible	Crucible section is split on molds designed with horizontal opening for easier cleaning
M*	Mold Only	
W*	Wear Plates	Reduce mechanical abrasion of molds at cable entry points

* Empty if none

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 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.

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