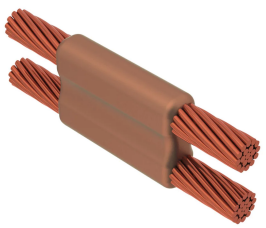
We connect and protect

Cable to Cable, PT, 500 kcmil Concentric, 20.7 mm Conductor 1 OD, 19/#5 Copperweld, 23.1 mm Conductor 2 OD

Data Solutions

CATALOG NUMBER

PTD3Q9K



nVent ERICO Cadweld graphite molds are designed and engineered for thousands of connection styles and conductor combinations.

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

PRODUCT ATTRIBUTES

- Mold Family: PT Mold Family
- Conductor 1: 500 kcmil Concentric
- Conductor 1 Outer Diameter, Nominal: 20.65mm
- Conductor 2: 19/#5 Copperweld
- Conductor 2 Outer Diameter, Nominal: 23.11mm
- Mold Split: Vertical

Split Crucible: No

Wear Plates: No

Mold Only: No

Welding Material: 500 or 500PLUSF20, Sold Separately

Handle Clamp: L159, Sold Separately

Price Key: D

Ease of Use: Preferred

ADDITIONAL PRODUCT DETAILS

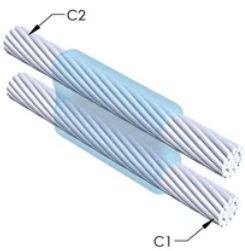
For applications such as computer room, tunnel or other low-ventilation areas, specify a smokeless nVent ERICO Cadweld Exolon mold. Add an XL prefix to the standard mold part number when ordering (for example, a TAC2Q2Q becomes XLTAC2Q2Q). Similarly, nVent ERICO Cadweld Exolon welding material is also designated by the XL prefix (for example, 150 becomes XL150).

A gap between conductors may be required. See mold tag for more information.

XX-X-XX-XX-L-M-W		
XX	Mold Family	
X	Price Key	
XX	Conductor Code 1	
XX	Conductor Code 2	
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.

Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE

©2026 nVent. All nVent marks and logos are owned or licensed by nVent Services GmbH or its affiliates. All other trademarks are the property of their respective owners. nVent reserves the right to change specifications without notice.

This document is system-generated.