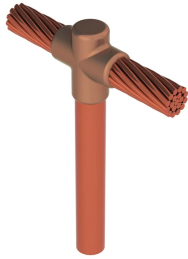


Cable to Ground Rod or Other Rounds, Cathodic

Data Solutions



nVent ERICO Cadweld Cathodic Connections are the preferred method of exothermically welding cathodic protection anode leads to pipes (steel or cast iron), tanks, and other structures. Cathodic protection systems are designed to prevent galvanic corrosion along a pipeline or in various structures. nVent ERICO Cadweld Cathodic Connections use a special welding material alloy to minimize heat effect on the steel, which is especially important on thin wall and high stress pipes.

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 1/1

Catalog Number	Mold Family	Ground Rod Type	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual	Conductor Size	Conductor Outer Diameter, Nominal
CAGRT161G	GR Mold Family	Copper-bonded	0.625in	0.56in	#6 Solid	0.16in
CAGRT181G	GR Mold Family	Copper-bonded	0.75in	0.68in	#6 Solid	0.16in
CAGTP161G	GT Mold Family	Copper-bonded	0.625in	0.56in	#6 Solid	0.16in

CatalogNumber	Mold Family	Ground Rod Type	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual	Conductor Size	Conductor OuterDiameter, Nominal
CAGRT161H	GR Mold Family	Copper-bonded	0.625in	0.56in	#6 Concentric	0.18in
CAGRT181H	GR Mold Family	Copper-bonded	0.75in	0.68in	#6 Concentric	0.18in
CAGTP161H	GT Mold Family	Copper-bonded	0.625in	0.56in	#6 Concentric	0.18in
CAGTP181H	GT Mold Family	Copper-bonded	0.75in	0.68in	#6 Concentric	0.18in
CAGRP181K	GR Mold Family	Copper-bonded	0.75in	0.68in	#4 Solid	0.2in
CAGRT161K	GR Mold Family	Copper-bonded	0.625in	0.56in	#4 Solid	0.2in
CAGTP161K	GT Mold Family	Copper-bonded	0.625in	0.56in	#4 Solid	0.2in
CAGTP161L	GT Mold Family	Copper-bonded	0.625in	0.56in	#4 Concentric	0.23in
CAGTP181L	GT Mold Family	Copper-bonded	0.75in	0.68in	#4 Concentric	0.23in
CAGRP161T	GR Mold Family	Copper-bonded	0.625in	0.56in	#2 Solid	0.26in
CAGFP14C1V	GF Mold Family	Steel	0.5in	0.51in	#2 Concentric	0.29in
CAGRP141V	GR Mold Family	Steel	0.5in	0.51in	#2 Concentric	0.29in
CAGRP161V	GR Mold Family	Copper-bonded	0.625in	0.56in	#2 Concentric	0.29in
CAGRP181V	GR Mold Family	Copper-bonded	0.75in	0.68in	#2 Concentric	0.29in
CAGTP161V	GT Mold Family	Copper-bonded	0.625in	0.56in	#2 Concentric	0.29in
CAGTP181V	GT Mold Family	Copper-bonded	0.75in	0.68in	#2 Concentric	0.29in
CAGRP162C	GR Mold Family	Copper-bonded	0.625in	0.56in	1/0 Concentric	0.37in
CAGRP182C	GR Mold Family	Copper-bonded	0.75in	0.68in	1/0 Concentric	0.37in

CatalogNumber	Mold Family	Ground Rod Type	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual	Conductor Size	Conductor OuterDiameter, Nominal
CAGRP162G	GR Mold Family	Copper-bonded	0.625in	0.56in	2/0 Concentric	0.42in
CAGRP162GM	GR Mold Family	Copper-bonded	0.625in	0.56in	2/0 Concentric	0.42in
CAGRP182G	GR Mold Family	Copper-bonded	0.75in	0.68in	2/0 Concentric	0.42in
CAGTN162GM	GT Mold Family	Copper-bonded	0.625in	0.56in	2/0 Concentric	0.42in
CAGTN182G	GT Mold Family	Copper-bonded	0.75in	0.68in	2/0 Concentric	0.42in

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.

Use XF19 or PLUSXF19 welding material on connections to ductile iron.

CA-XX-X-XX-XX-L-M-W		
CA	Cathodic Designation	
XX	Mold Family	
X	Price Key	
XX	Ground Rod Code	
XX	Conductor Code	
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

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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