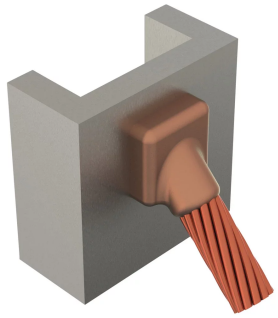
CABLE TO STEEL, VS, STEEL PIPE, #6 CONCENTRIC, 1 1/2"–4" PIPE

CATALOG NUMBER

VSC1HV3C



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

CERTIFICATIONS

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: VS
- Connects To: Steel Pipe
- Conductor Size: #6 Concentric
- Conductor Outer Diameter, Nominal: 0.18"
- Pipe Size: 1 1/2" - 4"
- Outer Diameter (OD): 1.9" - 4 1/2"
- Kit: No

Split Crucible: No

Wear Plates: No

Mold Only: No

Welding Material: 45 or 45PLUSF20, Sold Separately

Handle Clamp: L160 and B160V, Sold Separately

Conductor Sleeve: B112, Sold Separately

Price Key: C

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.

A test weld should be made to check for the possibility of burn through on thin sections and to determine detrimental metallurgical effects.

W-XX-X-XX-LH-XX-L-M		
W*	Wear Plates	Reduce mechanical abrasion of molds at cable entry points
XX	Mold Family	
X	Price Key	
XX	Conductor Code	
LH	Weld End	LH = Weld on left end of conductor RH = Weld on right end of conductor (For Mold Families HG, VL, and VN only)
XX	Pipe Size	
L*	Split Crucible	Crucible section is split on molds designed with horizontal opening for easier cleaning
M*	Mold Only	

* 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.

North America
+1.800.753.9221
Option 1 – Customer Care
Option 2 – Technical Support

Europe
Netherlands:
+31 800-0200135
France:
+33 800 901 793

Europe
Germany:
800 1890272
Other Countries:
+31 13 5835404

APAC
Shanghai:
+ 86 21 2412 1618/19
Sydney:
+61 2 9751 8500

Our powerful portfolio of brands:
nVent.com CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER

© 2023 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.