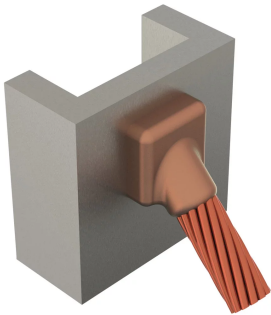


## CABLE TO STEEL, VS, STEEL PIPE OR FLAT SURFACE, 70 MM<sup>2</sup> CONCENTRIC, 24" MIN PIPE

### CATALOG NUMBER

**VSCY4**



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 or Flat Surface

Conductor Size: 70 mm<sup>2</sup> Concentric

Conductor Outer Diameter, Nominal: 0.43"

Pipe Size: 24" min

Outer Diameter (OD): 24" min

Kit: No

Split Crucible: No

Wear Plates: No

Mold Only: No

Welding Material: 90 or 90PLUSF20, Sold Separately

Handle Clamp: L160 and B396, 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<br>RH = Weld on right end of conductor<br>(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](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.

**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



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