

# Cable to Steel – VBCY4



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

- 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



Part Number	VBCY4
Mold Family	VB
Connects To	Steel Pipe or Flat Surface
Conductor Size	70 mm <sup>2</sup> Concentric
Conductor Outer Diameter, Nominal	10,9 mm
Pipe Size	24" Min
Outer Diameter	609,6 mm Min
NB/DN	600 Min
Kit	No
Split Crucible	No
Wear Plates	No
Mold Only	No
Welding Material	115 or 115PLUSF20, Sold Separately
Handle Clamp	L160 and B396, Sold Separately
Price Key	C
Ease of Use	Easy
Certifications	cULus

Part Number	VBCY4
Standard Packaging Quantity	1 pc
UPC	78285655610
EAN-13	8711893143942

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.

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**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.erico.com](http://www.erico.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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