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# 150 #150 SHOT CADWELD

*ERICO, INC. ERITEC-CADDY*

| | |
|---|---|
| Catalog Number | 150 |
| Manufacturer | ERICO, INC. ERITEC-CADDY |
| Description | Welding Material, Copper Oxide/Aluminum, 1/2 in Rod Size, 0.41 lb |
| Weight per unit | 0.4100 (lbs/each) |
| Product Category | Ground Rods & Grounding System |

## Descriptions

| | |
|---|---|
| Description | #150 SHOT CADWELD |
| Long Description | nVent ERICO Cadweld Welding Material, F20, 150 |
| Product Type | Cadweld Welding Material, F20, 150GR |
| Short Description | WELDMETAL 150 |
| Special Features | WELDING MATERIAL,CADWELD,F20 |
| Extra Long Description | NVNT 150 Cadweld Welding Material, |

## Manufacturer Information

| | |
|---|---|
| Brand | nVent<br>nVent ERICO |
| GTIN | 00782856001355 |
| UPC | 782856 |

## Taxonomies, Classifications, and Categories

| | |
|---|---|
| Category Description | EXOTHERMIC GROUNDING PRODUCTS |
| Type | GROUNDING |

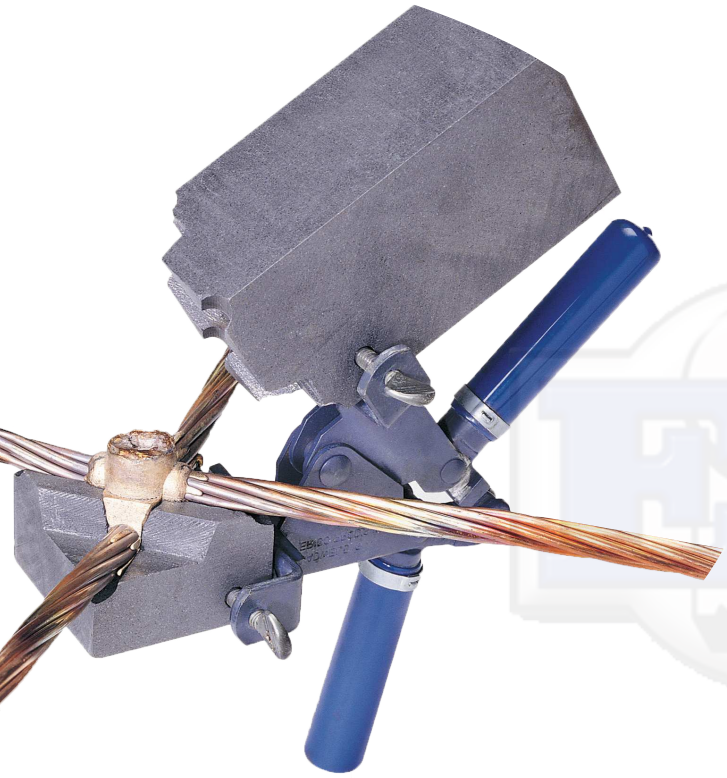
## Packaging

| | |
|---|---|
| Carton | 10 |
| Weight Per Each | 0.4100 (lbs/each) |

## Uses, Certifications, and Standards

| | |
|---|---|
| Application | Grounding and Bonding |
| Standard | cULus® |

# NVENT ERICO CADWELD XB MOLDS FOR HORIZONTAL LAPPED X CONNECTIONS



## FEATURES

- Ergonomic two-piece lds use standard L160 and L159 handle clamps – the same clamps you use with other Cadweld molds.
- Saves labor costs. An X-style connection can be made by one person in about one minute – much faster than other methods.
- Costs less. Saves you 1/3 over other models thanks to innovative design techniques and advanced manufacturing technology.
- Simple to use. Operates just like an XA mold, but there's no need to cut the cable!
- Easy cable alignment.
- Includes a new baffle mold cover which reduces emissions and extends the handle clamp life
- Also available in "smokeless" Cadweld Exolon.

*For cable-to-cable X connections at substations and other commercial and industrial grounding systems, there's never been a faster or easier way to make a reliable X style Cadweld connection.*

*This two-piece mold lets you make connections in a trench in about half the time it would take with compression connectors or other exothermic connections – and at a fraction of the cost.*

## COPPER - AWG

| Conductor | Stranding | Mold Part No. | Traditional Welding Material | Cadweld Plus Welding Material |
|---|---|---|---|---|
| 1/0 Sol | 1 / .3249 | XBQ2B2B | 150 | 150PLUSF20 |
| 1/0 Conc | 19 / .7450 | XBQ2C2C | 150 | 150PLUSF20 |
| 2/0 Sol | 1 / .3648 | XBQ2F2F | 200 | 200PLUSF20 |
| 2/0 Conc | 19 / .0837 | XBQ2G2G | 200 | 200PLUSF20 |
| 3/0 Sol | 1 / .4096 | XBQ2K2K | 250 | 250PLUSF20 |
| 3/0 Conc | 19 / .0940 | XBQ2L2L | 250 | 250PLUSF20 |
| 4/0 Sol | 1 / .4600 | XBQ2P2P | 250 | 250PLUSF20 |
| 4/0 Conc | 19 / .1055 | XBQ2Q2Q | 250 | 250PLUSF20 |
| 250 Sol | 1 / .5000 | XBQ2T2T | (2) 150 | 300PLUSF20 |
| 250 Conc | 37 / .0822 | XBQ2V2V | (2) 150 | 300PLUSF20 |
| 300 Conc | 37 / .0900 | XBZ3A3A | (2) 200 | 400PLUSF20 |
| 350 Conc | 37 / .0973 | XBZ3D3D | 500 | 500PLUSF20 |
| 400 Conc | 37 / .1040 | XBZ3H3H | (3) 200 | 600PLUSF20 |
| 500 Conc | 61 / .0905 | XBZ3Q3Q | (3) 250 | 750PLUSF20 |

*Contact nVent for molds to fit other cable sizes or run/tap combinations

## COPPERWELD

| Conductor | Outside Diameter | Mold Part No. | Traditional Welding Material | Cadweld Plus Welding Material |
|---|---|---|---|---|
| 7 / #7 | 0.433 | XBQ9C9C | 200 | 200PLUSF20 |
| 7 / #5 | 0.546 | XBQ9E9E | 250 | 250PLUSF20 |
| 19 / #9 | 0.572 | XBQ9F9F | (2) 150 | 300PLUSF20 |
| 19 / #8 | 0.642 | XBZ9G9G | (2) 200 | 400PLUSF20 |
| 19 / #7 | 0.721 | XBZ9H9H | 500 | 500PLUSF20 |
| 19 / #6 | 0.810 | XBZ9J9J | (3) 250 | 750PLUSF20 |

## COPPER - METRIC

| Conductor | Stranding | Mold Part No. | European Item No. | Traditional Welding Material | Cadweld Plus Welding Material |
|---|---|---|---|---|---|
| 25 | 7 / 2.14 | XBCY1Y1 | 240271 | 65 | 65PLUSF20 |
| 35 | 19 / 1.53 | XBCY2Y2 | 230213 | 90 | 90PLUSF20 |
| 50 | 19 / 1.78 | XBCY3Y3 | 230826 | 150 | 150PLUSF20 |
| 70 | 19 / 2.14 | XBQY4Y4 | 240272 | 200 | 200PLUSF20 |
| 95 | 37 / 1.78 | XBQY5Y5 | 240273 | 250 | 250PLUSF20 |
| 120 | 37 / 2.03 | XBQY6Y6 | 240274 | (2) 150 | 300PLUSF20 |
| 150 | 37 / 2.25 | XBZY7Y7 | 240276 | (2) 200 | 400PLUSF20 |
| 185 | 37 / 2.52 | XBZY8Y8 | 240277 | 500 | 500PLUSF20 |
| 240 | 61 / 2.25 | XBZY9Y9 | 240278 | (3) 250 | 750PLUSF20 |
| 300 | 61 / 2.52 | XBZY0Y0 | 240275 | (3) 250 | 750PLUSF20 |

NOTES: Only XBQ2Q2Q and XBQ2G2G molds are available with wear plates.
Special cleaning tool supplied with each mold. All C and Q price molds require L160 Handle Clamp.
All Z price molds require L159 Handle Clamp.



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**WARNING:** nVent products shall be installed and used only as indicated in nVent product instruction sheets and training materials. Instruction sheets are available at nVent.com/ERICO and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent instructions and warnings may cause product malfunction, property damage, serious bodily injury and/or death, and void your warranty.

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