34600 Solon Road
Solon, OH 44139 USA
Tel +1.440.542.3811
nVent.com

nVent ERICO Cadweld
Compatibility Statement

The nVent ERICO Cadweld exothermic welding process is a method of making electrical connections with copper-to-copper or copper-to-steel in which no outside source of heat or power is required. In this process, conductors are prepared, placed in a purpose-designed graphite mold, and exothermically welded to produce a permanent electrical connection. The steps outlined in the nVent ERICO Cadweld Installation and Inspection Guide are a general demonstration of a typical welded connection. These basic steps are used for all Cadweld electrical connections.

The Cadweld exothermic process is a system. All Cadweld connections are designed and tested as a whole using Cadweld molds, welding materials and accessories, and all Cadweld materials are produced to high standards under stringent quality control.

We cannot accurately predict the individual product standards of our competition. Therefore, mixing of one manufacturer's molds with another manufacturer's welding materials can predictably lead to finished welds that do not meet the standards of either manufacturer. After all, one of the advantages of exothermic welding as a welding process is the fact that it is pre-engineered.

Cadweld materials may not be used in conjunction with materials from another exothermic manufacturer. Use of any materials from other manufacturers as part of the Cadweld installation process will violate UL 467 and IEEE 837-2014 listings.

Melissa D. Botti
Global Product Manager
nVent ERICO Cadweld