

# nVent ERIFLEX Flexibar Flexible Busbar



nVent ERIFLEX Flexibar is a flexible busbar wire replacement solution for low voltage applications available from 27 mm<sup>2</sup> up to 1200 mm<sup>2</sup> and 125 A to 2800 A. Manufactured in an ISO 9001 certified proprietary automated facility, nVent ERIFLEX Flexibar is formed from multiple layers of thin electrolytic copper insulated with a high-resistance, self-extinguishing PVC or silicone compound. The insulating sleeve is grooved on the inner surface, reducing the contact surface with the laminates to less than 20%, increasing flexibility and making installation easier. Easily formed even in its largest size, nVent ERIFLEX Flexibar vastly improves design and assembly flexibility and the aesthetic of finished panels. All nVent ERIFLEX Flexibar cross sections can be bent, folded, or twisted with a very small bending radius for shorter and more compact power connections between main power and distribution equipment, between transformers and busduct, between busduct and electrical cabinets, and many other types of connections. nVent ERIFLEX Flexibar connections are made by punching and bolting directly through the copper laminates, clamping onto the end of the nVent ERIFLEX Flexibar, or welding using nVent ERICO Cadweld. There are no lugs to purchase or install, making connections simpler and faster and eliminating faulty connections due to vibration or fatigue. An ideal alternative to large cable and rigid busbar, nVent ERIFLEX Flexibar requires less installation space and reduced the overall weight of panel systems.

## nVent ERIFLEX Flexibar Advanced, Tinned Copper



Thin layers of tinned electrolytic copper insulated by high-resistance, halogen free, low smoke and flame retardant insulation.

## nVent ERIFLEX Flexibar, Tinned Copper



Thin layers of tinned electrolytic copper insulated by high-resistance, self-extinguishing PVC.

## nVent ERIFLEX Flexibar End Cover



Transparent End Covers allow for visual inspection of nVent ERIFLEX Flexibar and Insulated Power Braid connections.

## nVent ERIFLEX Flexibar and IBSB Supports



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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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