

Rail Joint Bond Kit, Signal, Tab Style



The nVent ERICO Cadweld joint bonds are intended to be welded to the head of the rail profile within the confines of the joint bar. To ensure connection integrity, the attachment shall be made using nVent ERICO Cadweld welding material.

FEATURES

Provides unchanging electrical resistance

Superior corrosion resistance

Easy installation, with minimum installer training required

Simple and highly-portable installation equipment

Equally usable on old, worn, or new rails

Highly durable

SPECIFICATIONS

Bond Terminal Style: Tab

Table 1/2

Catalog Number	Material	Finish	Rail Type	Grinding Wheels Included	Conductor Size	Bond Length
SB20104	Cadmium Bronze, Copper	Bare, Tinned	85 lb to 141 lb T-Rail Sections	No	3/16" Bondstrand	165.1mm
SB20108	Cadmium Bronze, Copper	Bare, Tinned	85 lb to 141 lb T-Rail Sections	No	3/16" Bondstrand	247.65mm
SB20108W2	Cadmium Bronze, Copper	Bare, Tinned	85 lb to 141 lb T-Rail Sections	Yes	3/16" Bondstrand	247.65mm
SB20112	Cadmium Bronze, Copper	Bare, Tinned	Head-Free Rail	No	3/16" Bondstrand	165.1mm

CatalogNumber	Material	Finish	Rail Type	Grinding Wheels Included	Conductor Size	Bond Length
SB20116	Cadmium Bronze, Copper	Bare, Tinned	Head-Free Rail	No	3/16" Bondstrand	247.65mm
SB20128	Cadmium Bronze, Copper	Bare, Tinned	Head-Free Rail	No	3/16" Bondstrand	190.5mm
SB20128W2	Cadmium Bronze, Copper	Bare, Tinned	Head-Free Rail	Yes	3/16" Bondstrand	190.5mm
SB20136	Cadmium Bronze, Copper	Bare, Tinned	85 lb to 141 lb T-Rail Sections	No	3/16" Bondstrand	190.5mm
SBTBHH47	Copper, Steel	Pregalvanized, Tinned	85 lb to 141 lb T-Rail Sections	No	0.302" Diameter	177.8mm
SB20118	Cadmium Bronze, Copper	Bare, Tinned	85 lb to 141 lb T-Rail Sections	No	5/16" Bondstrand	247.65mm
SB20118W2	Cadmium Bronze, Copper	Bare, Tinned	85 lb to 141 lb T-Rail Sections	Yes	5/16" Bondstrand	247.65mm
SB20175	Cadmium Bronze, Copper	Bare, Tinned	85 lb to 141 lb T-Rail Sections	No	5/16" Bondstrand	177.8mm
SB20175HF	Cadmium Bronze, Copper	Bare, Tinned	Head-Free Rail	No	5/16" Bondstrand	177.8mm
SB20175W2	Cadmium Bronze, Copper	Bare, Tinned	85 lb to 141 lb T-Rail Sections	Yes	5/16" Bondstrand	177.8mm

Table 2/2

Catalog Number	Length 1 (L1)	Length 2 (L2)	Diameter (Ø)
SB20104	115.9 mm	19.1 mm	4.8 mm
SB20108	198.4 mm	19.1 mm	4.8 mm
SB20108W2	198.4 mm	19.1 mm	4.8 mm
SB20112	115.9 mm	19.1 mm	4.8 mm
SB20116	292.1 mm	19.1 mm	4.8 mm
SB20128	144.5 mm	19.1 mm	4.8 mm

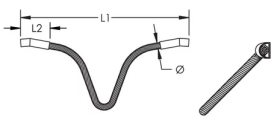
Catalog Number	Length 1 (L1)	Length 2 (L2)	Diameter (Ø)
SB20128W2	144.5 mm	19.1 mm	4.8 mm
SB20136	144.5 mm	19.1 mm	4.8 mm
SBTBHH47	133.4 mm	25.4 mm	7.67 mm
SB20118	235 mm	25.4 mm	7.9 mm
SB20118W2	235 mm	25.4 mm	7.9 mm
SB20175	146.1 mm	25.4 mm	7.9 mm
SB20175HF	146.1 mm	25.4 mm	7.9 mm
SB20175W2	146.1 mm	25.4 mm	7.9 mm

ADDITIONAL PRODUCT DETAILS

Kit includes: (100) bonds, (200) F80 alloy welding material, (2) replacement molds, (1) flint ignitor, (1) mold cleaner, and (5) grinding wheels (if applicable).

Kits with grinding wheels include (5) high-performance grain, 4.5" (114 mm) diameter (7/8" arbor), Type 27 depressed center wheels (part number SBG20046) for use with an angle style grinders.

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 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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