

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	Article Number	Material	Finish	Rail Type	Grinding Wheels Included	Conductor Size
SB20104		Cadmium Bronze, Copper	Bare, Tinned	85 lb to 141 lb T-Rail Sections	No	3/16" Bondstrand
SB20108	715411	Cadmium Bronze, Copper	Bare, Tinned	85 lb to 141 lb T-Rail Sections	No	3/16" Bondstrand
SB20108W2		Cadmium Bronze, Copper	Bare, Tinned	85 lb to 141 lb T-Rail Sections	Yes	3/16" Bondstrand
SB20112		Cadmium Bronze, Copper	Bare, Tinned	Head-Free Rail	No	3/16" Bondstrand

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

Table 2/2

Catalog Number	Article Number	Bond Length	Length 1 (L1)	Length 2 (L2)	Diameter (Ø)
SB20104		165.1mm	115.9 mm	19.1 mm	4.8 mm
SB20108	715411	247.65mm	198.4 mm	19.1 mm	4.8 mm
SB20108W2		247.65mm	198.4 mm	19.1 mm	4.8 mm
SB20112		165.1mm	115.9 mm	19.1 mm	4.8 mm
SB20116		247.65mm	292.1 mm	19.1 mm	4.8 mm
SB20128		190.5mm	144.5 mm	19.1 mm	4.8 mm

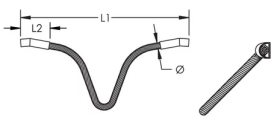
Catalog Number	Article Number	Bond Length	Length 1 (L1)	Length 2 (L2)	Diameter (Ø)
SB20128W2		190.5mm	144.5 mm	19.1 mm	4.8 mm
SB20136		190.5mm	144.5 mm	19.1 mm	4.8 mm
SBTBHH47		177.8mm	133.4 mm	25.4 mm	7.67 mm
SB20118		247.65mm	235 mm	25.4 mm	7.9 mm
SB20118W2		247.65mm	235 mm	25.4 mm	7.9 mm
SB20175		177.8mm	146.1 mm	25.4 mm	7.9 mm
SB20175HF		177.8mm	146.1 mm	25.4 mm	7.9 mm
SB20175W2		177.8mm	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.

North America

+1.800.753.9221

Option 1 – Customer Care

Option 2 – Technical

Support

Europe

Netherlands:

+31 800-0200135

France:

+33 800 901 793

Europe

Germany:

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Other Countries:

+31 13 5835404

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Shanghai:

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