We connect and protect

CPI Grounding and Bonding Braid, Stainless Steel

High-quality CPI stainless steel grounding and bonding braids can be installed in extremely corrosive environments, like offshore applications or coastal applications. The full range of CPI braids are ideal for applications using stainless steel pipe or tanks, like the food and beverage industry, building industry, transportation, oil and chemical industry.

nVent ERIFLEX offers 316L stainless steel braids and lugs, one of the highest resistant stainless steel options on the market. Our proprietary manufacturing process has been optimized to provide the best braiding, crimping, cutting and punching.

CERTIFICATIONS

FEATURES

- Superior abrasion, corrosion, chemical and UV resistance make CPI braids ideal for outdoor applications
- Great for expansion joints where constant movement requires a flexible and durable solution
- Ready to use out of the box, eliminates the need for cutting, stripping, crimping and punching
- Quick and easy to install
- Resistant to vibration and fatigue, reducing maintenance
- Will not rust or discolor, so the appearance will never fade or change
- Excellent electrical contact
- No additional lugs or terminals needed
- Non-magnetic material
- Recommended by the EMC/EMI directives
- Performs to the class C5 (very high) category as per ISO® 12944-2
- EAC compliant
- RoHS compliant
- Compliant to ISO 6469-1 (Electrically propelled road vehicles - Part 1: Rechargeable energy storage system) - Section 6.2.2 Vibrations

SPECIFICATIONS

Complies With: IEC® 60439.1;IEC® 61439.1

Material: Stainless Steel 316L (EN 1.4404)

Certification Details: UL® 467

Table 1/2

Catalog Number	Article Number	Cross Section	Length (L)	Hole Size (HS)	A	B
CPI16-150-8	554277	16mm²	150mm	8.5 mm	17.5 mm	20 mm
CPI16-200-8	554278	16mm²	200mm	8.5 mm	17.5 mm	20 mm
CPI16-250-8	554279	16mm²	250mm	8.5 mm	17.5 mm	20 mm
CPI16-300-8	554280	16mm²	300mm	8.5 mm	17.5 mm	20 mm
CPI16-400-8	554282	16mm²	400mm	8.5 mm	17.5 mm	20 mm
CPI25-150-10	554299	25mm²	150mm	10.5 mm	26.5 mm	30 mm
CPI25-200-10	554300	25mm²	200mm	10.5 mm	26.5 mm	30 mm
CPI35-150-12	554321	35mm²	150mm	13 mm	26.5 mm	30 mm
CPI25-250-10	554301	25mm²	250mm	10.5 mm	26.5 mm	30 mm
CPI16-600-8	554286	16mm²	600mm	8.5 mm	17.5 mm	20 mm
CPI25-300-10	554302	25mm²	300mm	10.5 mm	26.5 mm	30 mm
CPI35-200-12	554322	35mm²	200mm	13 mm	26.5 mm	30 mm
CPI35-250-12	554323	35mm²	250mm	13 mm	26.5 mm	30 mm
CPI25-400-10	554304	25mm²	400mm	10.5 mm	26.5 mm	30 mm
CPI35-300-12	554324	35mm²	300mm	13 mm	26.5 mm	30 mm

CatalogNumber	Article Number	Cross Section	Length (L)	Hole Size (HS)	A	B
CPI50-150-12	554343	50mm²	150mm	13 mm	30 mm	30 mm
CPI50-200-12	554344	50mm²	200mm	13 mm	30 mm	30 mm
CPI25-600-10	554308	25mm²	600mm	10.5 mm	26.5 mm	30 mm
CPI35-400-12	554326	35mm²	400mm	13 mm	26.5 mm	30 mm
CPI70-150-12	554365	70mm²	150mm	13 mm	30 mm	30 mm
CPI50-250-12	554345	50mm²	250mm	13 mm	30 mm	30 mm
CPI35-600-12	554330	35mm²	600mm	13 mm	26.5 mm	30 mm
CPI50-300-12	554346	50mm²	300mm	13 mm	30 mm	30 mm
CPI70-200-12	554366	70mm²	200mm	13 mm	30 mm	30 mm
CPI70-250-12	554367	70mm²	250mm	13 mm	30 mm	30 mm
CPI50-400-12	554348	50mm²	400mm	13 mm	30 mm	30 mm
CPI50-600-12	554352	50mm²	600mm	13 mm	30 mm	30 mm
CPI70-300-12	554368	70mm²	300mm	13 mm	30 mm	30 mm
CPI70-1100-12	554384	70mm²	1100mm	13 mm	30 mm	30 mm
CPI70-400-12	554370	70mm²	400mm	13 mm	30 mm	30 mm
CPI70-600-12	554374	70mm²	600mm	13 mm	30 mm	30 mm
CPI70-800-12	554378	70mm²	800mm	13 mm	30 mm	30 mm

Table 2/2

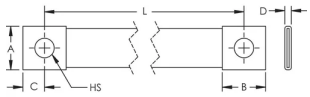
Catalog Number	Article Number	C	D	Unit Weight	Certifications

CPI16-150-8	554277	10 mm	3 mm	0.03 kg	RoHS, cUL, UL, Bureau Veritas, CE, ERIFLEX CPI, ABS
CPI16-200-8	554278	10 mm	3 mm	0.04 kg	ABS, cUL, RoHS, CE, ERIFLEX CPI, UL, Bureau Veritas
CPI16-250-8	554279	10 mm	3 mm	0.04 kg	UL, Bureau Veritas, cUL, ABS, CE, ERIFLEX CPI, RoHS
CPI16-300-8	554280	10 mm	3 mm	0.05 kg	RoHS, cUL, UL, Bureau Veritas, CE, ERIFLEX CPI, ABS
CPI16-400-8	554282	10 mm	3 mm	0.06 kg	ABS, cUL, RoHS, CE, ERIFLEX CPI, UL, Bureau Veritas
CPI25-150-10	554299	15 mm	3.5 mm	0.06 kg	RoHS, cUL, UL, Bureau Veritas, CE, ERIFLEX CPI, ABS
CPI25-200-10	554300	15 mm	3.5 mm	0.07 kg	ABS, cUL, RoHS, CE, ERIFLEX CPI, UL, Bureau Veritas
CPI35-150-12	554321	15 mm	4 mm	0.07 kg	RoHS, cUL, UL, Bureau Veritas, CE, ERIFLEX CPI, ABS
CPI25-250-10	554301	15 mm	3.5 mm	0.08 kg	UL, Bureau Veritas, cUL, ABS, CE, ERIFLEX CPI, RoHS
CPI16-600-8	554286	10 mm	3 mm	0.09 kg	UL, Bureau Veritas, cUL, ABS, CE, ERIFLEX CPI, RoHS
CPI25-300-10	554302	15 mm	3.5 mm	0.09 kg	RoHS, cUL, UL, Bureau Veritas, CE, ERIFLEX CPI, ABS
CPI35-200-12	554322	15 mm	4 mm	0.09 kg	ABS, cUL, RoHS, UL, Bureau Veritas
CPI35-250-12	554323	15 mm	4 mm	0.1 kg	UL, Bureau Veritas, cUL, ABS, RoHS
CPI25-400-10	554304	15 mm	3.5 mm	0.11 kg	ABS, cUL, RoHS, CE, ERIFLEX CPI, UL, Bureau Veritas
CPI35-300-12	554324	15 mm	4 mm	0.11 kg	RoHS, cUL, UL, Bureau Veritas, ABS

CPI50-150-12	554343	15 mm	5 mm	0.11 kg	RoHS, cUL, UL, Bureau Veritas, ABS, CE, ERIFLEX CPI
CPI50-200-12	554344	15 mm	5 mm	0.13 kg	CE, ERIFLEX CPI, cUL, RoHS, ABS, UL, Bureau Veritas
CPI25-600-10	554308	15 mm	3.5 mm	0.15 kg	UL, Bureau Veritas, cUL, ABS, CE, ERIFLEX CPI, RoHS
CPI35-400-12	554326	15 mm	4 mm	0.14 kg	ABS, cUL, RoHS, UL, Bureau Veritas
CPI70-150-12	554365	15 mm	5.8 mm	0.14 kg	CE, ERIFLEX CPI, cUL, RoHS, ABS, UL, Bureau Veritas
CPI50-250-12	554345	15 mm	5 mm	0.15 kg	UL, Bureau Veritas, cUL, CE, ERIFLEX CPI, ABS, RoHS
CPI35-600-12	554330	15 mm	4 mm	0.2 kg	UL, Bureau Veritas, cUL, ABS, RoHS
CPI50-300-12	554346	15 mm	5 mm	0.17 kg	RoHS, cUL, UL, Bureau Veritas, ABS, CE, ERIFLEX CPI
CPI70-200-12	554366	15 mm	5.8 mm	0.17 kg	UL, Bureau Veritas, cUL, CE, ERIFLEX CPI, ABS, RoHS
CPI70-250-12	554367	15 mm	5.8 mm	0.19 kg	RoHS, cUL, UL, Bureau Veritas, ABS, CE, ERIFLEX CPI
CPI50-400-12	554348	15 mm	5 mm	0.21 kg	CE, ERIFLEX CPI, cUL, RoHS, ABS, UL, Bureau Veritas
CPI50-600-12	554352	15 mm	5 mm	0.29 kg	UL, Bureau Veritas, cUL, CE, ERIFLEX CPI, ABS, RoHS
CPI70-300-12	554368	15 mm	5.8 mm	0.22 kg	CE, ERIFLEX CPI, cUL, RoHS, ABS, UL, Bureau Veritas
CPI70-1100-12	554384	15 mm	5.8 mm	0.66 kg	RoHS, cUL, UL, Bureau Veritas, ABS, CE, ERIFLEX CPI

CPI70-400-12	554370	15 mm	5.8 mm	0.28 kg	UL, Bureau Veritas, cUL, CE, ERIFLEX CPI, ABS, RoHS
CPI70-600-12	554374	15 mm	5.8 mm	0.39 kg	RoHS, cUL, UL, Bureau Veritas, ABS, CE, ERIFLEX CPI
CPI70-800-12	554378	15 mm	5.8 mm	0.5 kg	CE, ERIFLEX CPI, cUL, RoHS, ABS, UL, Bureau Veritas

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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