

nVent ERICO Cadweld One Shot, Cable to Ground Rod

Data Solutions



CERTIFICATIONS



FEATURES

Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame

Produces a permanent connection that will not loosen or corrode

Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods

NEC® compliant

SPECIFICATIONS

Table 1/2

Catalog Number	Article Number	Welding Material Type	Mold Family	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual	Connection, Solid
NT1181G		Traditional	NT (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	10mm ²

CatalogNumber	Article Number	Welding Material Type	Mold Family	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual	Connection, Solid
NT1181GPLUS	165783	nVent ERICO Cadweld Plus	NT (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	10mm ²
NT1181L		Traditional	NT (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	
NT1181LPLUS	165784	nVent ERICO Cadweld Plus	NT (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	
NT1181V		Traditional	NT (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	50mm ²
NT1181VPLUS	165785	nVent ERICO Cadweld Plus	NT (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	50mm ²
NX1141G		Traditional	NX (ONE SHOT) Mold Family	0.5in	11.18 – 12.88mm	10mm ²
NX1141GPLUS	165786	nVent ERICO Cadweld Plus	NX (ONE SHOT) Mold Family	0.5in	11.18 – 12.88mm	10mm ²
NX1141L		Traditional	NX (ONE SHOT) Mold Family	0.5in	11.18 – 12.88mm	
NX1141LPLUS	165787	nVent ERICO Cadweld Plus	NX (ONE SHOT) Mold Family	0.5in	11.18 – 12.88mm	
NX1161G		Traditional	NX (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	10mm ²
NX1161G1TPLUS		nVent ERICO Cadweld Plus	NX (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	
NX1161GPLUS	165788	nVent ERICO Cadweld Plus	NX (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	10mm ²
NX1161L		Traditional	NX (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	
NX1161LPLUS	165789	nVent ERICO Cadweld Plus	NX (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	
NX1161V		Traditional	NX (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	50mm ²
NX1161VPLUS	165790	nVent ERICO Cadweld Plus	NX (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	50mm ²
NX1181G		Traditional	NX (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	10mm ²

CatalogNumber	Article Number	Welding Material Type	Mold Family	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual	Connection, Solid
NX1181GPLUS	165791	nVent ERICO Cadweld Plus	NX (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	10mm ²
NX1181L		Traditional	NX (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	
NX1181LPLUS	165792	nVent ERICO Cadweld Plus	NX (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	
NX1181V		Traditional	NX (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	50mm ²
NX1181VPLUS	165793	nVent ERICO Cadweld Plus	NX (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	50mm ²
GR1141G		Traditional	GR (ONE SHOT) Mold Family	0.5in	11.18 – 12.88mm	10mm ²
GR1141GPLUS	165750	nVent ERICO Cadweld Plus	GR (ONE SHOT) Mold Family	0.5in	11.18 – 12.88mm	10mm ²
GR1141L		Traditional	GR (ONE SHOT) Mold Family	0.5in	11.18 – 12.88mm	
GR1141LPLUS	165751	nVent ERICO Cadweld Plus	GR (ONE SHOT) Mold Family	0.5in	11.18 – 12.88mm	
GR1141V		Traditional	GR (ONE SHOT) Mold Family	0.5in	11.18 – 12.88mm	50mm ²
GR1141VPLUS	165752	nVent ERICO Cadweld Plus	GR (ONE SHOT) Mold Family	0.5in	11.18 – 12.88mm	50mm ²
GR1161G		Traditional	GR (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	10mm ²
GR1161GF		Traditional	GR (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	10mm ²
GR1161GPLUS	165753	nVent ERICO Cadweld Plus	GR (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	10mm ²
GR1161L		Traditional	GR (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	
GR1161LPLUS	165754	nVent ERICO Cadweld Plus	GR (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	
GR1161V		Traditional	GR (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	50mm ²
GR1161VPLUS	165755	nVent ERICO Cadweld Plus	GR (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	50mm ²

CatalogNumber	Article Number	Welding Material Type	Mold Family	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual	Connection, Solid
GR1162C		Traditional	GR (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	
GR1162CPLUS	165756	nVent ERICO Cadweld Plus	GR (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	
GR1162G		Traditional	GR (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	70mm ²
GR1162GPLUS	165757	nVent ERICO Cadweld Plus	GR (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	70mm ²
GR1162Q		Traditional	GR (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	
GR1162QPLUS	165758	nVent ERICO Cadweld Plus	GR (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	
GR1181G		Traditional	GR (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	10mm ²
GR1181GPLUS	165759	nVent ERICO Cadweld Plus	GR (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	10mm ²
GR1181L		Traditional	GR (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	
GR1181LPLUS	165760	nVent ERICO Cadweld Plus	GR (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	
GR1181V		Traditional	GR (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	50mm ²
GR1181VPLUS	165761	nVent ERICO Cadweld Plus	GR (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	50mm ²
GR1182C		Traditional	GR (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	
GR1182CPLUS	165762	nVent ERICO Cadweld Plus	GR (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	
GR1182G		Traditional	GR (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	70mm ²
GR1182GPLUS	165763	nVent ERICO Cadweld Plus	GR (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	70mm ²
GR1182Q		Traditional	GR (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	
GR1182QPLUS	165764	nVent ERICO Cadweld Plus	GR (ONE SHOT) Mold Family	0.75in	17.09 – 19.43mm	

CatalogNumber	Article Number	Welding Material Type	Mold Family	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual	Connection, Solid
GT1141G		Traditional	GT (ONCE SHOT) Mold Family	0.5in	11.18 – 12.88mm	10mm ²
GT1141GPLUS	165765	nVent ERICO Cadweld Plus	GT (ONCE SHOT) Mold Family	0.5in	11.18 – 12.88mm	10mm ²
GT1141L		Traditional	GT (ONCE SHOT) Mold Family	0.5in	11.18 – 12.88mm	
GT1141LPLUS	165766	nVent ERICO Cadweld Plus	GT (ONCE SHOT) Mold Family	0.5in	11.18 – 12.88mm	
GT1141V		Traditional	GT (ONCE SHOT) Mold Family	0.5in	11.18 – 12.88mm	50mm ²
GT1141VPLUS	165767	nVent ERICO Cadweld Plus	GT (ONCE SHOT) Mold Family	0.5in	11.18 – 12.88mm	50mm ²
GT1142GPLUS		nVent ERICO Cadweld Plus	GT (ONCE SHOT) Mold Family	0.5in	11.18 – 12.88mm	70mm ²
GT1161G		Traditional	GT (ONCE SHOT) Mold Family	0.625in	14.1 – 16.13mm	10mm ²
GT1161GPLUS	165768	nVent ERICO Cadweld Plus	GT (ONCE SHOT) Mold Family	0.625in	14.1 – 16.13mm	10mm ²
GT1161L		Traditional	GT (ONCE SHOT) Mold Family	0.625in	14.1 – 16.13mm	25mm ²
GT1161LF		Traditional	GT (ONCE SHOT) Mold Family	0.625in	14.1 – 16.13mm	
GT1161LPLUS	165769	nVent ERICO Cadweld Plus	GT (ONCE SHOT) Mold Family	0.625in	14.1 – 16.13mm	
GT1161V		Traditional	GT (ONCE SHOT) Mold Family	0.625in	14.1 – 16.13mm	35 – 50mm ²
GT1161VF		Traditional	GT (ONCE SHOT) Mold Family	0.625in	15.62 – 16.13mm	50mm ²

CatalogNumber	Article Number	Welding Material Type	Mold Family	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual	Connection, Solid
GT1161VPLUS	165770	nVent ERICO Cadweld Plus	GT (ONCE SHOT) Mold Family	0.625in	14.1 – 16.13mm	50mm ²
GT1162C		Traditional	GT (ONCE SHOT) Mold Family	0.625in	14.1 – 16.13mm	
GT1162CPLUS	165771	nVent ERICO Cadweld Plus	GT (ONCE SHOT) Mold Family	0.625in	14.1 – 16.13mm	
GT1162G		Traditional	GT (ONCE SHOT) Mold Family	0.625in	14.1 – 16.13mm	70mm ²
GT1162GPLUS	165772	nVent ERICO Cadweld Plus	GT (ONCE SHOT) Mold Family	0.625in	14.1 – 16.13mm	70mm ²
GT1162Q		Traditional	GT (ONCE SHOT) Mold Family	0.625in	14.1 – 16.13mm	
GT1162QPLUS		nVent ERICO Cadweld Plus	GT (ONCE SHOT) Mold Family	0.625in	14.1 – 16.13mm	
GT1181G		Traditional	GT (ONCE SHOT) Mold Family	0.75in	17.09 – 19.43mm	10mm ²
GT1181GPLUS	165773	nVent ERICO Cadweld Plus	GT (ONCE SHOT) Mold Family	0.75in	17.09 – 19.43mm	10mm ²
GT1181L		Traditional	GT (ONCE SHOT) Mold Family	0.75in	17.09 – 19.43mm	
GT1181LPLUS	165774	nVent ERICO Cadweld Plus	GT (ONCE SHOT) Mold Family	0.75in	17.09 – 19.43mm	
GT1181V		Traditional	GT (ONCE SHOT) Mold Family	0.75in	17.09 – 19.43mm	50mm ²
GT1181VPLUS	165775	nVent ERICO Cadweld Plus	GT (ONCE SHOT) Mold Family	0.75in	17.09 – 19.43mm	50mm ²
GT1182C		Traditional	GT (ONCE SHOT) Mold Family	0.75in	17.09 – 19.43mm	

CatalogNumber	Article Number	Welding Material Type	Mold Family	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual	Connection, Solid
GT1182CPLUS	165776	nVent ERICO Cadweld Plus	GT (ONCE SHOT) Mold Family	0.75in	17.09 – 19.43mm	
GT1182G		Traditional	GT (ONCE SHOT) Mold Family	0.75in	17.09 – 19.43mm	70mm ²
GT1182GPLUS		nVent ERICO Cadweld Plus	GT (ONCE SHOT) Mold Family	0.75in	17.09 – 19.43mm	70mm ²
GT1182Q		Traditional	GT (ONCE SHOT) Mold Family	0.75in	17.09 – 19.43mm	
GT1182QPLUS		nVent ERICO Cadweld Plus	GT (ONCE SHOT) Mold Family	0.75in	17.09 – 19.43mm	
NT1141G		Traditional	NT (ONE SHOT) Mold Family	0.5in	11.18 – 12.88mm	10mm ²
NT1141GPLUS	165777	nVent ERICO Cadweld Plus	NT (ONE SHOT) Mold Family	0.5in	11.18 – 12.88mm	10mm ²
NT1141L		Traditional	NT (ONE SHOT) Mold Family	0.5in	11.18 – 12.88mm	
NT1141LPLUS	165778	nVent ERICO Cadweld Plus	NT (ONE SHOT) Mold Family	0.5in	11.18 – 12.88mm	
NT1141V		Traditional	NT (ONE SHOT) Mold Family	0.5in	11.18 – 12.88mm	50mm ²
NT1141VPLUS	165779	nVent ERICO Cadweld Plus	NT (ONE SHOT) Mold Family	0.5in	11.18 – 12.88mm	50mm ²
NT1161G		Traditional	NT (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	10mm ²
NT1161G1TPLUS		nVent ERICO Cadweld Plus	NT (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	
NT1161GPLUS	165780	nVent ERICO Cadweld Plus	NT (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	10mm ²
NT1161L		Traditional	NT (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	
NT1161LPLUS	165781	nVent ERICO Cadweld Plus	NT (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	

CatalogNumber	Article Number	Welding Material Type	Mold Family	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual	Connection, Solid
NT1161V		Traditional	NT (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	50mm ²
NT1161VPLUS	165782	nVent ERICO Cadweld Plus	NT (ONE SHOT) Mold Family	0.625in	14.1 – 16.13mm	50mm ²

Table 2/2

Catalog Number	Article Number	Connection, Stranded	Certifications
NT1181G		10mm ²	cUL, UL
NT1181GPLUS	165783	10mm ²	UL, cUL
NT1181L		16mm ²	cUL, UL
NT1181LPLUS	165784	16mm ²	UL, cUL
NT1181V		25mm ² , 35mm ²	cUL, UL
NT1181VPLUS	165785	25mm ² , 35mm ²	UL, cUL
NX1141G		10mm ²	UL, cUL
NX1141GPLUS	165786	10mm ²	cUL, UL
NX1141L		16mm ²	UL, cUL
NX1141LPLUS	165787	16mm ²	cUL, UL
NX1161G		10mm ²	UL, cUL
NX1161G1TPLUS		10mm ²	UL, cUL
NX1161GPLUS	165788	10mm ²	cUL, UL
NX1161L		16mm ²	UL, cUL

Catalog Number	Article Number	Connection, Stranded	Certifications
NX1161LPLUS	165789	16mm ²	cUL, UL
NX1161V		25mm ² , 35mm ²	UL, cUL
NX1161VPLUS	165790	25mm ² , 35mm ²	cUL, UL
NX1181G		10mm ²	UL, cUL
NX1181GPLUS	165791	10mm ²	cUL, UL
NX1181L		16mm ²	UL, cUL
NX1181LPLUS	165792	16mm ²	cUL, UL
NX1181V		25mm ² , 35mm ²	UL, cUL
NX1181VPLUS	165793	25mm ² , 35mm ²	cUL, UL
GR1141G		10mm ²	cUL, UL
GR1141GPLUS	165750	10mm ²	UL, cUL
GR1141L		16mm ²	cUL, UL
GR1141LPLUS	165751	16mm ²	cUL, UL
GR1141V		25mm ² , 35mm ²	UL, cUL
GR1141VPLUS	165752	25mm ² , 35mm ²	cUL, UL
GR1161G		10mm ²	cUL, RUS, UL
GR1161GF		10mm ²	UL, cUL
GR1161GPLUS	165753	10mm ²	cUL, UL

Catalog Number	Article Number	Connection, Stranded	Certifications
GR1161L		16mm ²	UL, cUL
GR1161LPLUS	165754	16mm ²	cUL, UL
GR1161V		25mm ² , 35mm ²	UL, cUL
GR1161VPLUS	165755	25mm ² , 35mm ²	cUL, UL
GR1162C		50mm ²	UL, cUL
GR1162CPLUS	165756	50mm ²	cUL, UL
GR1162G		70mm ²	UL, cUL
GR1162GPLUS	165757	70mm ²	cUL, UL
GR1162Q		95mm ² , 120mm ²	UL, cUL
GR1162QPLUS	165758	95mm ² , 120mm ²	cUL, UL
GR1181G		10mm ²	UL, cUL, RUS
GR1181GPLUS	165759	10mm ²	cUL, UL
GR1181L		16mm ²	cUL, UL
GR1181LPLUS	165760	16mm ²	UL, cUL
GR1181V		25mm ² , 35mm ²	cUL, UL
GR1181VPLUS	165761	25mm ² , 35mm ²	cUL, UL
GR1182C		50mm ²	UL, cUL
GR1182CPLUS	165762	50mm ²	cUL, UL

Catalog Number	Article Number	Connection, Stranded	Certifications
GR1182G		70mm ²	cUL, UL
GR1182GPLUS	165763	70mm ²	UL, cUL
GR1182Q		95mm ² , 120mm ²	cUL, UL
GR1182QPLUS	165764	95mm ² , 120mm ²	cUL, UL
GT1141G		10mm ²	UL, cUL
GT1141GPLUS	165765	10mm ²	cUL, UL
GT1141L		16mm ²	UL, cUL
GT1141LPLUS	165766	16mm ²	UL, cUL
GT1141V		25mm ² , 35mm ²	cUL, UL
GT1141VPLUS	165767	25mm ² , 35mm ²	UL, cUL
GT1142GPLUS		70mm ²	UL, cUL
GT1161G		10mm ²	cUL, RUS, UL
GT1161GPLUS	165768	10mm ²	UL, cUL
GT1161L		16 – 25mm ²	cUL, UL
GT1161LF		16mm ²	UL, cUL
GT1161LPLUS	165769	16mm ²	cUL, UL
GT1161V		25mm ² , 35mm ²	UL, cUL
GT1161VF		25mm ² , 35mm ²	cUL, UL

Catalog Number	Article Number	Connection, Stranded	Certifications
GT1161VPLUS	165770	25mm ² , 35mm ²	UL, cUL
GT1162C		50mm ²	cUL, UL
GT1162CPLUS	165771	50mm ²	UL, cUL
GT1162G		70mm ²	cUL, UL
GT1162GPLUS	165772	70mm ²	UL, cUL
GT1162Q		95mm ² , 120mm ²	cUL, UL
GT1162QPLUS		95mm ² , 120mm ²	UL, cUL
GT1181G		10mm ²	cUL, UL, RUS
GT1181GPLUS	165773	10mm ²	cUL, UL
GT1181L		16mm ²	UL, cUL
GT1181LPLUS	165774	16mm ²	cUL, UL
GT1181V		25mm ² , 35mm ²	cUL, UL
GT1181VPLUS	165775	25mm ² , 35mm ²	UL, cUL
GT1182C		50mm ²	cUL, UL
GT1182CPLUS	165776	50mm ²	cUL, UL
GT1182G		70mm ²	UL, cUL
GT1182GPLUS		70mm ²	cUL, UL
GT1182Q		95mm ² , 120mm ²	cUL, UL

Catalog Number	Article Number	Connection, Stranded	Certifications
GT1182QPLUS		95mm ² , 120mm ²	UL, cUL
NT1141G		10mm ²	UL, cUL
NT1141GPLUS	165777	10mm ²	cUL, UL
NT1141L		16mm ²	UL, cUL
NT1141LPLUS	165778	16mm ²	cUL, UL
NT1141V		25mm ² , 35mm ²	UL, cUL
NT1141VPLUS	165779	25mm ² , 35mm ²	cUL, UL
NT1161G		10mm ²	UL, cUL
NT1161G1TPLUS		10mm ²	cUL, UL
NT1161GPLUS	165780	10mm ²	UL, cUL
NT1161L		16mm ²	cUL, UL
NT1161LPLUS	165781	16mm ²	UL, cUL
NT1161V		25mm ² , 35mm ²	cUL, UL
NT1161VPLUS	165782	25mm ² , 35mm ²	UL, cUL

ADDITIONAL PRODUCT DETAILS

A gap between conductors may be required. See mold tag for more information.

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.



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE