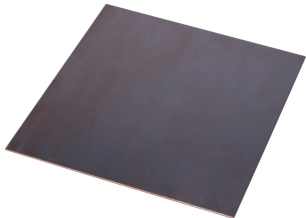
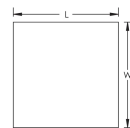
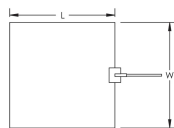
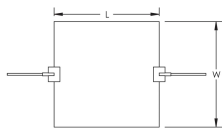


# Copper Ground Plate



The nVent ERICO Copper Ground Plate is designed to create an equipotential plane and help protect personnel and valuable equipment. These plates offer mechanical attachment points for grounding, providing a distinct solution for various applications.

## DIAGRAMS



## FEATURES

Provides a large surface area to dissipate current into the ground

Available in a variety of sizes and pigtail configurations

## SPECIFICATIONS

**Material:** Copper

Table 1/2

| Catalog Number      | Article Number | Finish | Width  | Length | Pigtail Connection | Pigtail Length |
|---------------------|----------------|--------|--------|--------|--------------------|----------------|
| GPECNHM096          |                | Bare   | 914 mm | 2438mm | None               |                |
| GPECCAM036          |                | Bare   | 914 mm | 914mm  | None               |                |
| GPECEAJ0241<br>G024 |                | Bare   | 457 mm | 610mm  | End                | 610mm          |

| CatalogNumber       | Article Number | Finish | Width   | Length | Pigtail Connection | Pigtail Length |
|---------------------|----------------|--------|---------|--------|--------------------|----------------|
| GPECEAK0241<br>G024 |                | Bare   | 610 mm  | 610mm  | End                | 610mm          |
| GPECEAK0241<br>H024 |                | Bare   | 610 mm  | 610mm  | End                | 610mm          |
| GPECNAJ018          |                | Bare   | 457 mm  | 457mm  | None               |                |
| GPECNAK024          |                | Bare   | 610 mm  | 610mm  | None               |                |
| 504550              | 504550         | Bare   | 1000 mm | 2000mm | None               |                |
| 710190              | 710190         | Bare   | 600 mm  | 600mm  | None               |                |
| 710210              | 710210         | Bare   | 900 mm  | 900mm  | None               |                |
| GPECCBJ0181T<br>060 |                | Bare   | 457 mm  | 457mm  | Continuous         | 1524mm         |
| GPECEBH0121<br>V024 |                | Bare   | 305 mm  | 305mm  | End                | 610mm          |
| GPECEBH0241<br>K024 |                | Bare   | 305 mm  | 610mm  | End                | 610mm          |
| GPECEBQ0171<br>G120 |                | Bare   | 432 mm  | 432mm  | End                | 3048mm         |
| GPECNBH012          |                | Bare   | 305 mm  | 305mm  | None               |                |
| GPECNBH024          |                | Bare   | 305 mm  | 610mm  | None               |                |
| 504590              | 504590         | Bare   | 900 mm  | 900mm  | None               |                |
| 710200              | 710200         | Bare   | 600 mm  | 600mm  | None               |                |
| GPECCDK0241<br>L024 |                | Bare   | 610 mm  | 610mm  | Continuous         | 610mm          |

| CatalogNumber       | Article Number | Finish | Width  | Length | Pigtail Connection | Pigtail Length |
|---------------------|----------------|--------|--------|--------|--------------------|----------------|
| GPECCDM0361<br>T10T |                | Tinned | 914 mm | 914mm  | Continuous         | 254mm          |
| GPECEDK0241L<br>024 |                | Bare   | 610 mm | 610mm  | End                | 610mm          |
| GPECEDK0242<br>Q036 |                | Bare   | 610 mm | 610mm  | End                | 914mm          |
| GPECNDF006          |                | Bare   | 152 mm | 152mm  | None               |                |
| GPECNDH024          |                | Bare   | 305 mm | 610mm  | None               |                |
| GPECNDK024T         |                | Tinned | 610 mm | 610mm  | None               |                |
| GPECNDM036T         |                | Tinned | 914 mm | 914mm  | None               |                |
| GPECCEK0242<br>C036 |                | Bare   | 610 mm | 610mm  | Continuous         | 914mm          |
| GPECEEK0241T<br>024 |                | Bare   | 610 mm | 610mm  | End                | 610mm          |
| GPECEEK0242<br>Q008 |                | Bare   | 610 mm | 610mm  | End                | 203mm          |
| GPECEEK0242<br>Q060 |                | Bare   | 610 mm | 610mm  | End                | 1524mm         |
| GPECEEK0242<br>Q120 |                | Bare   | 610 mm | 610mm  | End                | 3048mm         |
| GPECEEK0242<br>Q180 |                | Bare   | 610 mm | 610mm  | End                | 4572mm         |
| GPECEEK0361T<br>024 |                | Bare   | 610 mm | 914mm  | End                | 610mm          |

| CatalogNumber | Article Number | Finish | Width  | Length | Pigtail Connection | Pigtail Length |
|---------------|----------------|--------|--------|--------|--------------------|----------------|
| GPECNEB024    |                | Bare   | 51 mm  | 610mm  | None               |                |
| GPECNED004    |                | Bare   | 102 mm | 102mm  | None               |                |
| GPECNED012    |                | Bare   | 102 mm | 305mm  | None               |                |
| GPECNED014    |                | Bare   | 102 mm | 356mm  | None               |                |
| GPECNED096    |                | Bare   | 102 mm | 2438mm | None               |                |
| GPECNEG024    |                | Bare   | 229 mm | 610mm  | None               |                |
| GPECNEH016    |                | Bare   | 305 mm | 406mm  | None               |                |
| GPECNEK024    |                | Bare   | 610 mm | 610mm  | None               |                |
| GPECNEM040    |                | Bare   | 914 mm | 1016mm | None               |                |
| GPECNFH033    |                | Bare   | 305 mm | 838mm  | None               |                |
| GPECNFK024    |                | Bare   | 610 mm | 610mm  | None               |                |
| GPECNGF012    |                | Bare   | 152 mm | 305mm  | None               |                |
| GPECNGK024    |                | Bare   | 610 mm | 610mm  | None               |                |

Table 2/2

| Catalog Number  | Article Number | Conductor Size | Thickness |
|-----------------|----------------|----------------|-----------|
| GPECNHM096      |                |                | 0.4 mm    |
| GPECCAM036      |                |                | 0.79 mm   |
| GPECEAJ0241G024 |                | #6 Solid       | 0.79 mm   |
| GPECEAK0241G024 |                | #6 Solid       | 0.79 mm   |

| Catalog Number  | Article Number | Conductor Size | Thickness |
|-----------------|----------------|----------------|-----------|
| GPECEAK0241H024 |                | #6 Stranded    | 0.79 mm   |
| GPECNAJ018      |                |                | 0.79 mm   |
| GPECNAK024      |                |                | 0.79 mm   |
| 504550          | 504550         |                | 2 mm      |
| 710190          | 710190         |                | 1.5 mm    |
| 710210          | 710210         |                | 1.5 mm    |
| GPECCBJ0181T060 |                | #2 Solid       | 1.59 mm   |
| GPECEBH0121V024 |                | #2 Stranded    | 1.59 mm   |
| GPECEBH0241K024 |                | #4 Solid       | 1.59 mm   |
| GPECEBQ0171G120 |                | #6 Solid       | 1.59 mm   |
| GPECNBH012      |                |                | 1.59 mm   |
| GPECNBH024      |                |                | 1.59 mm   |
| 504590          | 504590         |                | 3 mm      |
| 710200          | 710200         |                | 3 mm      |
| GPECCDK0241L024 |                | #4 Stranded    | 3.18 mm   |
| GPECCDM0361T10T |                | #2 Solid       | 3.18 mm   |
| GPECEDK0241L024 |                | #4 Stranded    | 3.18 mm   |
| GPECEDK0242Q036 |                | 4/0 Stranded   | 3.18 mm   |

| Catalog Number  | Article Number | Conductor Size | Thickness |
|-----------------|----------------|----------------|-----------|
| GPECNDF006      |                |                | 3.18 mm   |
| GPECNDH024      |                |                | 3.18 mm   |
| GPECNDK024T     |                |                | 3.18 mm   |
| GPECNDM036T     |                |                | 3.18 mm   |
| GPECCEK0242C036 |                | 1/0 Stranded   | 6.35 mm   |
| GPECCEK0241T024 |                | #2 Solid       | 6.35 mm   |
| GPECCEK0242Q008 |                | 4/0 Stranded   | 6.35 mm   |
| GPECCEK0242Q060 |                | 4/0 Stranded   | 6.35 mm   |
| GPECCEK0242Q120 |                | 4/0 Stranded   | 6.35 mm   |
| GPECCEK0242Q180 |                | 4/0 Stranded   | 6.35 mm   |
| GPECCEK0361T024 |                | #2 Solid       | 6.35 mm   |
| GPECNEB024      |                |                | 6.35 mm   |
| GPECNED004      |                |                | 6.35 mm   |
| GPECNED012      |                |                | 6.35 mm   |
| GPECNED014      |                |                | 6.35 mm   |
| GPECNED096      |                |                | 6.35 mm   |
| GPECNEG024      |                |                | 6.35 mm   |
| GPECNEH016      |                |                | 6.35 mm   |

| Catalog Number | Article Number | Conductor Size | Thickness |
|----------------|----------------|----------------|-----------|
| GPECNEK024     |                |                | 6.35 mm   |
| GPECNEM040     |                |                | 6.35 mm   |
| GPECNFH033     |                |                | 9.53 mm   |
| GPECNFK024     |                |                | 9.53 mm   |
| GPECNGF012     |                |                | 12.7 mm   |
| GPECNGK024     |                |                | 12.7 mm   |

| GPE-C-E-A-H-024-1L-024-(T) |                                                |                                                                                                                                                                                      |
|----------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GPE                        | Ground Plate Electrode                         |                                                                                                                                                                                      |
| C                          | Material                                       | C: Copper (C11000)                                                                                                                                                                   |
| E                          | Pigtail Connection                             | C: Continuous (2 x "L J" ERICO CADWELD Connection)<br>E: End ("L J" ERICO CADWELD Connection Style)<br>N: No Pigtail                                                                 |
| A                          | Plate Thickness Code (Stock Tolerance)         | A: 1/32" (Min. for Lightning – Cu)<br>B: 1/16" (Min. for Power – Cu)<br>C: 3/32"<br>D: 1/8"<br>E: 1/4" (Min. for Power – Stl.)<br>F: 3/8"<br>G: 1/2"<br>H: 1/64" (26 GA)<br>J: 3/16" |
| H                          | Plate Width Code                               | A: 1" · B: 2" · C: 3" · D: 4" · E: 5" · F: 6" · G: 9" · H: 12" · J: 18"<br>K: 24" · L: 30" · M: 36" · N: 42" · P: 48" · Q: 17" · R: 10"                                              |
| 024                        | Plate Length Code (inches) (3 digits required) |                                                                                                                                                                                      |
| 1L*                        | Pigtail Cable Type (ERICO Cable Code)          |                                                                                                                                                                                      |
| 024*                       | Pigtail Length (inches)                        |                                                                                                                                                                                      |
| (T)*                       | Tinned                                         |                                                                                                                                                                                      |

\* Empty if none

## 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](http://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.

⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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