

# **Ground Mat**

## **Power Utilities**



Prefabricated ground mats, made of wire mesh, are ideal for systems designed for safety purposes to protect operators against "touch potentials" at manually operated disconnect switches.

#### **FEATURES**

Silver brazed joints (35% silver alloy brazing material) provide strength to resist separation during installation and bear the traffic of heavy vehicles

Conductor spacing available in standard configurations

Option to add center wire into the mat configuration is available

Ground mats are laid flat onto pallets for shipping

#### **SPECIFICATIONS**

Table 1/1					
Catalog Number	Length 1 (L1)	Width 1 (W1)	Grid Spacing (L2 x W2)	Center Wire Conductor Size	Overhang
MAT	2,400 mm Max	1.8 m Max	51 mm x 51 mm, 102 mm x 102 mm, 152 mm x 152 mm, 203 mm x 203 mm, 254 mm x 254 mm, 305 mm x 305 mm	1/0 Solid or Stranded, 2/0 Solid or Stranded, 4/0 Solid or Stranded, 250 kcmil Stranded, 300 kcmil Stranded, 350 kcmil Stranded, 500 kcmil Stranded	Standard: Half Conductor Spacing + 2" (51 mm), With Center Wire, With Overhanging Center Wire

### **ADDITIONAL PRODUCT DETAILS**

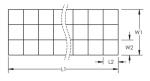
W2 and L2 available in listed Grid Spacing only.

	Grid Spac	Grid Spacing								
	51 x 51 m	m	102 x 102	mm	152 x 152	mm	203 x 203	mm	305 x 305	mm
Conductor Size	Standard Mat Size (square meters)									
	1.2 x 1.2	1.2 x 1.8	1.2 x 1.2	1.2 x 1.8	1.2 x 1.2	1.2 x 1.8	1.2 x 1.2	1.2 x 1.8	1.2 x 1.2	1.2 x 1.8
#6 Copper-Clad Steel Wire	6.62 kg	9.84 kg	3.45 kg	5.08 kg	2.40 kg	3.49 kg	1.86 kg	2.72 kg	1.32 kg	1.91 kg
#8 Copper-Clad Steel Wire	4.17 kg	6.21 kg	2.18 kg	3.22 kg	1.50 kg	2.22 kg	1.18 kg	1.72 kg	0.86 kg	1.22 kg

MT-2-C-72-B-96-A-96				
MT	Mat Designation			
2	Center Wire	1: None 2: Mat Length 3: CWO - Both ends 4: CWO - One end		
С	Mesh Size (inch x inch)	A: 2" X 2" B: 4" X 4" C: 6" X 6" D: 8" X 8" E: 10 X 10 F: 12 X 12 G: 18 X 18		
72	Width (inches max)			
В	Wire	A: 4 Copper B: 6 Copper C: 6-30% CW D: 6-40% CW E: 8 Copper F: 8-30% CW G: 8-40% CW H: 10 Copper J: 10-30% CW K: 10-40% CW		
96	Length (inches max)			
Α	Center Wire Type	A: None B: 5/16" Rod (1/0" Solid) C: 3/8" Rod (2/0" Solid) D: 7/16" Rod (4/0" Solid) E: 1/2" Rod (250 kcmil) F: 1/0 Concentric G: 2/0 Concentric H: 4/0 Concentric J: 250 Concentric K: 300 Concentric L: 350 Concentric M: 500 Concentric N: #2 Solid		
96*	CWO (inches max)			

<sup>\*</sup> Empty if none

#### **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.

MARNING: This product can expose you to chemicals including nickel, 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.



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