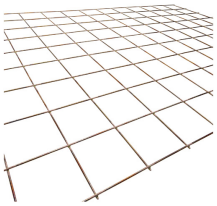
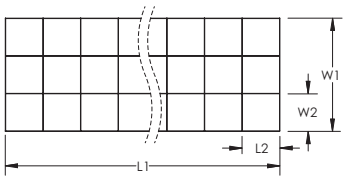
Ground Mesh – MESH



Prefabricated ground mesh from nVent ERICO is a convenient, efficient and economical means of improving grounding systems at facilities with high voltage installations and wherever large area grounds are required. Equipotential mesh reduces step potentials at power plants and substations, and effectively minimizes ground plane fluctuations at communications antenna sites. Wire mesh is also an excellent ground screen, reflector and electronic shield for large facilities. Prefabricated ground mesh is also easy to install, as no digging or trenching is required. Simply unroll over the ground, interconnect by welding to adjacent sections of mesh using nVent ERICO Cadweld, then weld to the main ground grid in substations or weld to ground rods. The mesh may be covered with a layer of earth or crushed stone depending on the application. The nVent ERICO Cadweld process provides a rapid and economical method of interconnecting mesh in the field. The resulting weld is permanent and corrosion resistant, and has a current carrying capacity equal to that of the conductor.

- Prefabricated ground mesh wound into a roll format for shipping
- Silver brazed joints (35% silver alloy brazing material) provide strength to resist separation during installation and bear the traffic of heavy vehicles
- Conductor spacing in many rectangular configurations up to 24" x 48" (610 mm x 1219 mm) in 2" (51 mm) increments
- Normally supplied in sections with standard overhang for interconnecting half conductor spacing + 2" (51 mm)



Part Number	MESH
Material	Copper Copper-Bonded Steel
Length 2 (L2)	2" – 24"
Width 1 (W1)	20' Max
Width 2 (W2)	2" – 48"
Conductor Size	#6 Solid Copper #6 Copper-Clad Steel (30% or 40% Conductivity) #8 Solid Copper #8 Copper-Clad Steel (30% or 40% Conductivity) #10 Solid Copper
Overhang	Standard: Half Conductor Spacing + 2" (51 mm) None Half Conductor Spacing
Unit Weight	500 lb Max
Standard Packaging Quantity	1 pc
UPC	78285677760
EAN-13	0782856777601

Net Weight (lbs) per 1,000 Square Feet						
Conductor Spacing (W2 x L2)	Copper-clad Steel Conductor (AWG)			Solid Copper Conductor (AWG)		
	#6	#8	#10	#6	#8	#10
2" x 2"	888 lbs	558 lbs	351 lbs	974 lbs	609 lbs	383 lbs
4" x 4"	443 lbs	279 lbs	175 lbs	487 lbs	305 lbs	192 lbs
6" x 6"	295 lbs	186 lbs	117 lbs	325 lbs	203 lbs	128 lbs
8" x 8"	222 lbs	139 lbs	88 lbs	243 lbs	153 lbs	96 lbs
12" x 12"	148 lbs	93 lbs	59 lbs	163 lbs	102 lbs	64 lbs
24" x 24"	74 lbs	47 lbs	29 lbs	91 lbs	51 lbs	32 lbs
Add 75 lbs per roll for approximate shipping weight.						

Length 1 (L1) is unlimited, up to 500 lbs. (227 kg) maximum. Length 2 (L2) and Width 2 (W2) are available in 2" (51 mm) increments only.

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.erico.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.