

The information provided below is your guide for choosing the right **McNICHOLS** ECO-MESH® or ECO-ROCK® product for your project. Please specify:

APPLICATION	BRIDGE/BULGE WIRE DIAMETER/WIRE GAUGE & SPACING
<p>ECO-MESH® product applications/uses include arbors, column wraps, enclosures, fencing, plant screens, plant trellis systems, exterior building facades, partitions, and more. ECO-ROCK® product applications/uses include gabion-style walls, free-standing fencing, wall-mounted exterior building facades, partitions, and more. We invite you to browse ECO-MESH® and ECO-ROCK® applications in our Product and Application Gallery.</p>	<p>ECO-MESH® and ECO-ROCK® products have two panels of Wire Mesh and therefore require a bridge or bulge wire to connect the panels together. ECO-MESH® bridge wires are 0.105" thick (12 gauge) and spaced 18" on center throughout the panel. ECO-ROCK® bulge wire diameter choices are 0.105" thick (12 gauge) or 0.148" thick (9 gauge). This product has vertically spaced wires every 12" on center as well as horizontally spaced wires placed every 18" on center.</p>
PRIMARY MATERIAL	CHANNEL/BENT PLATE ANGLE SIZE
<p>Select the primary material type including Galvanized Steel (most common), Aluminum, Carbon Steel, and Stainless Steel. We provide more information on Primary Material Types in the link provided in the Overview section on the Wire Mesh Resources landing page.</p>	<p>ECO-MESH® and ECO-ROCK® products are strengthened with a frame around the perimeter of the panel. ECO-MESH® is typically supplied with a 2" or 3" channel width with a 1" return in 16 gauge (.0635" thick) Galvanized Steel. ECO-ROCK® is constructed with a heavier, 10 gauge (.1345" thick) channel with a 1" return when the width of the product is 12" or less. The top of the container has a removable plate that is fastened with hardware. ECO-ROCK® product widths greater than 12" require a 2" x 2" bent plate angle to frame the product on all sides.</p>
PRODUCT FINISH	PERCENT OPEN AREA
<p>Material selections are typically mill finish, sandblasted, and powder coated with one of our 13 eco-friendly color choices. Custom powder coated color options are also available. We provide more information on Product Finishes in the link provided in the Overview section on the Wire Mesh Resources landing page.</p>	<p>Identify the percentage of open area desired in the Wire Mesh portion of the panel.</p>
CONSTRUCTION & WEAVE TYPE	PRODUCT SIZES
<p>Products are specified with a Woven Wire Mesh construction. The intercrimp weave flexes to allow for an increasing vine load as plants grow or when container materials (e.g. rocks) shift or move over time. ECO-MESH® and ECO-ROCK® items have an I5I5 Crimp Style. Wire Mesh with a welded construction type is also available.</p>	<p>Identify the number of panels and sizes needed. We stock ECO-MESH® in 48" x 96" panels with a powder coated textured black finish. These panels have a 2" x 2" Square Mesh pattern with a 0.135" thick (10 gauge) wire diameter and a 2" or 3" channel width with a 1" return in 16 gauge (.0635" thick).</p>
MESH SIZE	SPECIAL REQUIREMENTS
<p>Select the mesh size for your project. Mesh size is determined by measuring the number of openings per lineal inch from the center of one wire to the center of an adjacent wire. The most common mesh size is 2" x 2" Square Mesh with other sizes available.</p>	<p>Determine if your ECO-MESH® application requires custom panel sizes or shapes. All ECO-ROCK® products are made to order.</p>
WIRE DIAMETER/WIRE GAUGE	ACCESSORIES
<p>Choose the Wire Mesh diameter (thickness) in inches or wire gauge. ECO-MESH® is typically supplied with a 0.135" thick (10 gauge) wire diameter. Other choices include 0.120" thick (11 gauge) and 0.148" thick (9 gauge) wire. ECO-ROCK® wire diameter choices are 0.148" thick (9 gauge) and 0.192" thick (6 gauge). We provide more information on wire diameter and gauge equivalents in the link provided in the Charts section on the Wire Mesh Resources landing page.</p>	<p>Determine if Accessories such as posts, mounting brackets, hardware, etc. is required for your application.</p>

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