

Whiting & Davis has been widely known throughout the last century for its use of metal mesh fabric in safety apparel and fashion, but we are also a major supplier of mesh for industrial, architectural, and scientific applications.

Product Description

Stainless steel ring mesh is manufactured with metal wire formed into rings and individually welded. Each ring intersects with the four rings adjacent to it. The manufacturing method allows the mesh to collapse in both directions, allowing for optimum flexibility.

- **High Tensile Strength**
- **Light Filtering**
- **Flexible**
- **Fire Resistant** – *melting point is that of base metal*
- **Cut and Perforation Resistant**
- **Stable** – *neither shrinks nor stretches in use*
- **Corrosion Resistant**
- **Mildew Proof** – *unaffected by dampness and humidity*
- **Air Conductive** – *material allows circulation of warm and cool air currents*

Product Specifications (Panels are available in any size up to 10' x 20' maximum)

#5 Ring Mesh



| | |
|-------------------------|----------------------------------|
| Base metal: | 304 L Stainless Steel |
| Tensile strength: | 11,5000 P.S.I. to 125,000 P.S.I. |
| Wire size/diameter: | .0215" / .55 mm |
| Inside ring diameter: | .117" / 2.97 mm |
| Outside ring diameter: | .160" / 4.06 mm |
| Weight per square foot: | .576 lbs / .261 kg |
| Thickness (sheet): | .085" / 2.16 mm |
| Color: | Natural |

Product Benefits: High Tensile Strength, Resistance to Perforation, Corrosion Resistant, Fire Resistant, Allows air and light to flow through

#9 Ring Mesh



| | |
|-------------------------|----------------------------------|
| Base metal: | 304 L Stainless Steel |
| Tensile strength: | 11,5000 P.S.I. to 125,000 P.S.I. |
| Wire size/diameter: | .031" / .787 mm |
| Inside ring diameter: | .213" / 5.41 mm |
| Outside ring diameter: | .275" / 6.99 mm |
| Weight per square foot: | .63 lbs / .286 kg |
| Thickness (sheet): | .125" / 3.18 mm |
| Color: | Natural |

Product Benefits: High Tensile Strength, Resistance to Perforation, Corrosion Resistant, Fire Resistant, Allows air and light to flow through

Product Uses

The strength and protective properties of the mesh easily lend themselves for use for a variety of industrial applications including: Industrial Safety Screens, Body Armor Inserts, Furnace Zone Dividers, High-Tech Equipment Barriers, Machinery and Tool Guards, Protective Curtains and Wraps, Diving Apparel, and Rodent Guards.

Various industries currently utilizing metal mesh include Ship Building, US Military, Automotive, Oceanographic, Scientific Research, Meat Packing, and Food Industries.

