

Product Description

Stainless Steel and Brass ring mesh (chainmail) is manufactured with wire formed into rings and individually welded. Each ring intersects with the four rings adjacent to it. Aluminum ring mesh is not welded.

Both methods give the mesh the ability to collapse in two directions, allowing optimum flexibility and design creativity.

Product Specifications

#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

#5 Ring Mesh



| | |
|-------------------------|-----------------------------|
| Base metal: | Brass CuZn 36 brass |
| Tensile strength: | 400 – 450 N/mm ² |
| Wire size/diameter: | .020" / .5 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: | Raw Brass |

Product Benefits: Mildew 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

#13 Ring Mesh



| | |
|-------------------------|---------------------|
| Base metal: | Aluminum – 5154 A |
| Tensile strength: | no tensile strength |
| Wire size/diameter : | .039" / .99 mm |
| Inside ring diameter: | .197" / 5 mm |
| Outside ring diameter: | .274" / 6.96 mm |
| Weight per square foot: | .362 lbs / .164 kg |
| Thickness (sheet): | .140" / 3.56 mm |
| Color: | Natural |

Product Benefits: Lightweight, Mildew Resistant, Fire Resistant, Allows air and light to flow through

Working with Mesh

Wiss BXN Metal Scissors are required to cut mesh into desired size/shape. Simply cut one ring at a time to create desired pattern.

Product Uses

The strength of the stainless steel meshes allows the product to be used for a variety of safety applications, including: Industrial Safety Screens, Body Armor Inserts, Furnace Zone Divider Screens, Machinery and Tool Guards, Protective Curtains and Wraps, and Rat Guards.

The draping ability and flexibility of all the types of metal mesh can be used as architectural accents or in the following applications: Curtains/Draperies, Apparel, Jewelry, Fashion Accessories, and Home Décor.