



US Mesh metal mesh gloves and garments- Specification sheet

Standard sizes are XS, S, M, L, XL. Custom sizes are available on request. Polypropylene and Silicone Straps are color coded by size—yellow for XXS, grey for extra small; white for small; red for medium; blue for large; green for extra large and brown for XXL.

Technical specifications: Mesh is made from stainless steel wire, grade 316L. Wire diameters are .019"/.480mm and .021"/.530mm Ring outside diameters are approximately .158"/4.0mm. Ring inside diameters are approximately .118"/3.0mm. Weight per square foot is approximately .506 pounds/.229 kg for the .019" dia. wire and .575 pounds/.261 kg for the .021" wire. Weight of a medium wrist length glove made with .021" wire is approximately .43 pounds. Each ring is individually welded.

US Mesh uses 316L stainless steel wire with a tensile strength of 115,000 PSI. High tensile (stronger) wire translates to a stronger mesh rings and longer lasting mesh gloves and garments.

US Mesh fabricates its mesh on custom designed equipment, fully controlling the entire production process. We use resistance welding technology, proven to result in high quality and strong welds given appropriate operator monitoring. Our mesh machine operators are trained comprehensively to operate the equipment and test the mesh for quality and strength multiple times during production, assuring optimal results.

Metal mesh gloves and garments made of stainless steel have several key performance characteristics that make them ideally suited for use in the food processing industry.

- Non-corrosive: appropriate for wet and difficult environmental conditions
- Flexible: conforms to hand and body, as well as unusual shapes
- High melting point: applicable to high temperature uses
- Resistant to knife penetration

Metal mesh gloves, by definition, exceed Level 5 cut protection standards. The standard is designed for cut resistant fabric gloves. The apparatus used for the Level 5 test cannot cut a metal mesh glove.