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Woven Mesh

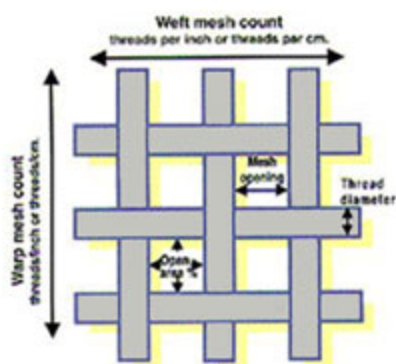
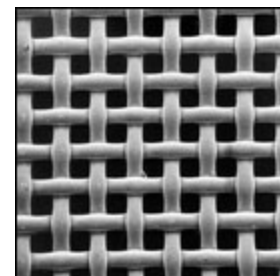
Nylon, Polyester or Polypropylene Plastic Mesh



Monofilament synthetic fibers can be woven very precisely to create industrial textiles with narrow pore distribution. This precision weaving process creates fine mesh woven fabrics with apertures (hole sizes) as small as 50 micron, with a strand and thickness tolerance of +/-10%.

The construction of plastic cloth is determined by the yarn type, yarn size and thread count. Monofilament yarns are a single continuous filament which produces a relatively smooth surface. In plain weave constructions the straight-through pores of monofilament fabrics offer minimal flow restriction and surface loading of particles.

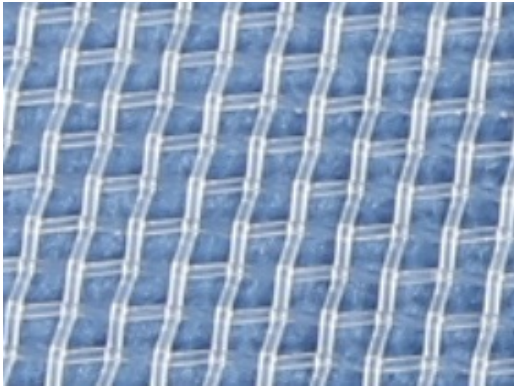
These versatile precision woven fabrics meet stringent technical requirements in automotive, biomedical, chemical processing, and water treatment applications. Common applications include [insert-molded](https://web.archive.org/web/20210621025620/http://www.plastechcorporation.com/) (<https://web.archive.org/web/20210621025620/http://www.plastechcorporation.com/>) filters for air and fuel filter cartridges, fuel injector nozzles, and liquid filter bags. As you can see, Woven Mesh is commonly used for [Filtration](https://web.archive.org/web/20210621025620/https://www.industrialnetting.com/filtration.html) (<https://web.archive.org/web/20210621025620/https://www.industrialnetting.com/filtration.html>) applications.



Thread Count of a fabric refers to the number of threads per inch. Warp threads run lengthwise in a fabric. Weft or filling threads run across the width of a fabric at right angles to the warp. Since monofilament fabrics are produced with equal yarn diameters and equal thread counts in both the warp and weft directions, the mesh opening is square.

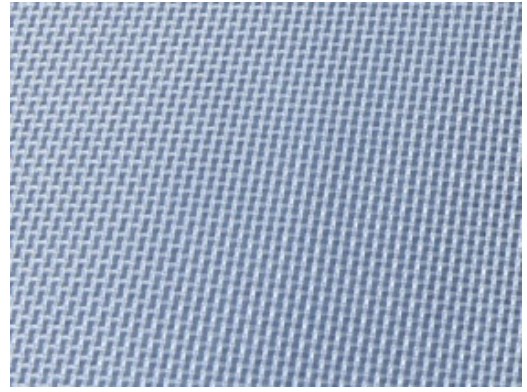
Choose from a wide range of plastic mesh sizes made from [Nylon](https://web.archive.org/web/20210621025620/https://www.industrialnetting.com/nylon.html) (<https://web.archive.org/web/20210621025620/https://www.industrialnetting.com/nylon.html>), [Polyester](https://web.archive.org/web/20210621025620/https://www.industrialnetting.com/polyester.html) (<https://web.archive.org/web/20210621025620/https://www.industrialnetting.com/polyester.html>) or [Polypropylene](https://web.archive.org/web/20210621025620/https://www.industrialnetting.com/polypropylene.html) (<https://web.archive.org/web/20210621025620/https://www.industrialnetting.com/polypropylene.html>).

Note: Woven Plastic Mesh is typically shipped in roll form wound on cores to prevent creases. Occasional flaws that can affect the continuous roll length are inherent in the weaving process. Excessive handling can increase static that entraps random particles. The yarns used in the manufacture of these products are not officially FDA approved but they are virgin, raw materials that are suitable for [food](https://web.archive.org/web/20210621025620/https://www.industrialnetting.com/dehydration.html) (<https://web.archive.org/web/20210621025620/https://www.industrialnetting.com/dehydration.html>) contact.



Nylon Woven Mesh

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Polyester Woven Mesh

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Polypropylene Woven Mesh

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