

Ambani
METALS

RELIABLE FOUNDATION, REMARKABLE FUTURES!

WIRE MESH CATALOGUE

WIRE MESH

Ambani Metals is a trusted name in the manufacturing and supply of premium wire mesh solutions, serving a wide spectrum of industries across India and globally. With a commitment to quality, customization, and engineering excellence, we specialize in delivering precision-woven, welded, and processed wire mesh products tailored to the needs of filtration, separation, screening, reinforcement, protection, and architectural applications.

From standard industrial meshes to complex custom-fabricated components, our offerings span a wide range of materials, grades, and designs—including stainless steel, brass, copper, duplex, and high-performance alloys like Monel, Inconel, and Hastelloy. Each product is crafted with meticulous attention to tolerances, durability, and functionality, ensuring maximum reliability under the most demanding conditions. At Ambani Metals, we don't just deliver products—we deliver solutions that are woven with precision and built to perform.

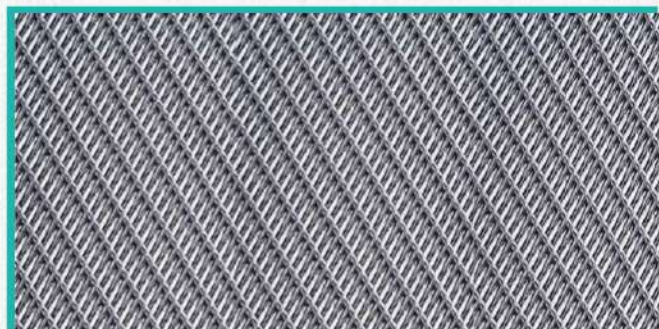


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MISSION

- To deliver innovative, high-quality, and custom-engineered wire mesh solutions that meet the diverse needs of global industries. We are committed to precision manufacturing, reliable performance, and exceptional service, ensuring every product reflects the strength, integrity, and craftsmanship of Ambani Metals.

VISION

- To be a globally trusted leader in wire mesh manufacturing, known for our technical excellence, material expertise, and commitment to quality. We envision a future where Ambani Metals is the first choice for industries that demand durable, tailor-made, and sustainable wire mesh solutions.

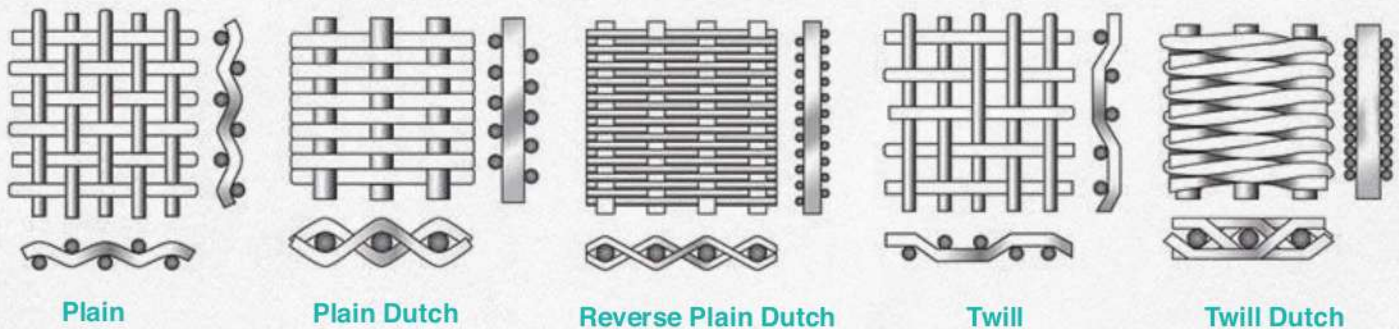
TYPES OF WIRE MESH

Wire mesh is an essential element across a wide range of industries from construction and filtration to architecture and product design. With each type engineered for specific performance, strength, and appearance, choosing the right mesh can make all the difference. At Ambani Metals, we offer a diverse portfolio of wire mesh types to meet your unique application needs with precision and reliability.

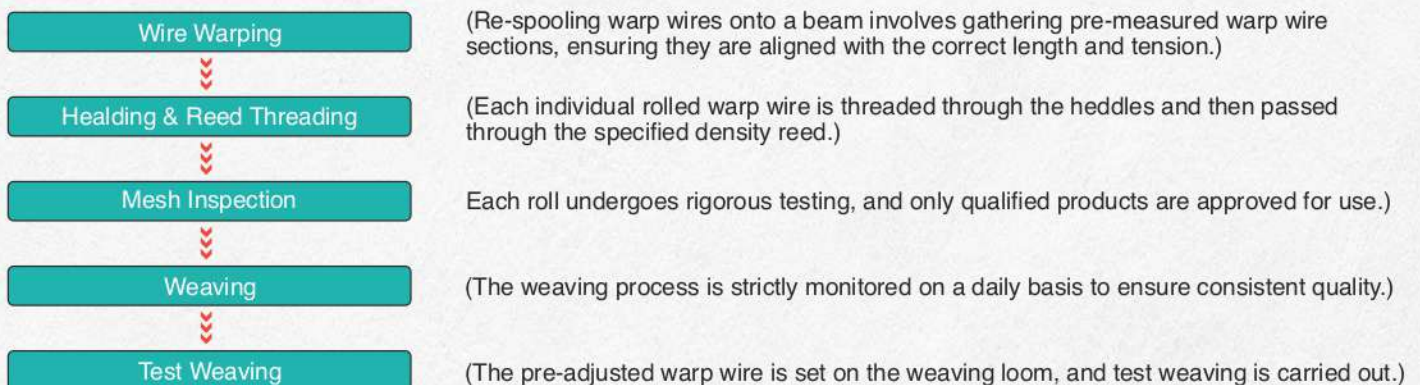
WOVEN WIRE MESH

Ambani Metals offers a wide range of Woven Wire Mesh, crafted using precision weaving techniques to deliver consistent mesh openings, strength, and dimensional stability. Available in a variety of materials, weave patterns, and mesh counts, woven wire mesh is the go-to solution for filtration, sieving, separation, and protection across multiple industries such as chemical, pharmaceutical, mining, food, and automotive.

Weaving Type: Plain Weave, Twill Weave, Plain Dutch Weave, Twill Dutch Weave and Reverse Dutch Weave.



Process Manufacture Of Woven Mesh



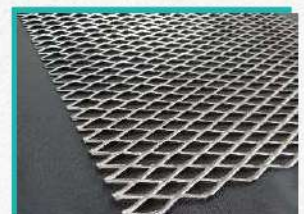
If necessary, 2 processes will be implemented for perfect products



EXPANDED METAL MESH

Ambani Metals offers durable and versatile Expanded Metal Mesh, created by uniformly slitting and stretching metal sheets into diamond-shaped openings. This process results in a mesh that is stronger, lighter, and more cost-effective than woven wire mesh, with excellent rigidity and load-bearing capacity. Available in various materials, thicknesses, and sizes, it is ideal for construction, filtration, fencing, and architectural applications.

Uses : Fencing for roads, railways, civil buildings, and water conservancy projects; protection for machinery, electrical equipment, windows, and aquaculture.



WEDGE WIRE SCREEN

Ambani Metals offers high-quality Wedge Wire Screens, also known as Profile Wire Screens or Johnson Screens, designed for accurate, durable, and high-efficiency filtration. Manufactured by fusing V-shaped profile wires to support rods through precision welding, these screens provide a continuous slot with non-clogging filtration, high strength, and easy cleanability. Available in custom configurations, wedge wire screens are ideal for solid-liquid separation, dewatering, and media retention in industrial processes.

Application: Widely using screen for filtration and separation in liquid, gas, mining, food, water wasting, and so on.



KNITTED WIRE MESH

Ambani Metals offers precision-made Knitted Wire Mesh, manufactured from interlocking loops of wire to form a flexible, resilient, and compressible mesh structure. Unlike woven mesh, knitted mesh is ideal for high-vibration, thermal expansion, and filtration applications due to its spring-like mechanical behavior. Commonly used in mist eliminators, EMI/RFI shielding, gaskets, and automotive silencers, our knitted mesh is available in a wide range of materials, sizes, and forms.



ARCHITECTURAL MESH

Ambani Metals offers a stunning range of Architectural Wire Mesh designed for both aesthetic appeal and structural performance. Woven or welded from high-quality metal wires, our architectural meshes are ideal for facades, cladding, balustrades, partitions, and interior accents. They combine design flexibility with durability, offering architects and designers a creative medium that is also weather-resistant, low-maintenance, and sustainable.



CRIMPED WIRE MESH

Ambani Metals manufactures high-strength Crimped Wire Mesh, designed by pre-crimping wires before weaving to ensure rigid structure, accurate mesh openings, and resistance to deformation. This mesh is widely used for vibrating screens, sieving, mining operations, architecture, and protective enclosures. Available in a variety of wire diameters, materials, and opening sizes, crimped mesh offers both structural integrity and visual appeal.



PERFORATED METAL SHEET

Ambani Metals offers high-precision Perforated Metal Sheets, manufactured by punching holes in metal sheets using CNC-controlled machines for exceptional accuracy and finish. Available in a variety of hole patterns, sheet thicknesses, and materials, these sheets are ideal for filtration, ventilation, acoustic control, architecture, and mechanical screening applications. Our perforated sheets combine strength, functionality, and aesthetic value.

Material : Carbon Steel Aluminum, Stainless Steel, Galvanized Steel, PP Sheet, PVC Sheet, Cooper, Wood board etc.



HEXAGONAL WIRE MESH

Ambani Metals offers durable and cost-effective Hexagonal Wire Mesh, also known as Chicken Mesh or Poultry Netting, made by twisting metal wires into a continuous hexagonal pattern. This flexible mesh is widely used for fencing, reinforcement, poultry enclosures, gabion walls, and plastering support. Its lightweight construction, corrosion resistance, and easy installation make it ideal for both industrial and agricultural applications.



WELDED WIRE MESH

Ambani Metals manufactures robust and versatile Welded Wire Mesh, formed by electrically welding intersecting rows and columns of wire at their junctions. This results in a mesh that offers high structural integrity, uniform grid spacing, and superior durability. Available in a variety of materials, coatings, and sizes, welded mesh is widely used in construction, fencing, machinery safety, and infrastructure applications.

Material : high quality low carbon steel wire, stainless steel wire.

Treatment of net surface: hot dipped galvanized, electro galvanized, PVC coated, etc.



EPOXY COATED WIRE MESH

Ambani Metals offers high-performance Epoxy Coated Wire Mesh, designed for applications where corrosion resistance, chemical durability, and aesthetic finish are essential. This mesh is produced by coating high-quality galvanized or stainless steel wire mesh with thermosetting epoxy resin, ensuring a uniform protective layer. Epoxy-coated mesh is widely used in air filters, automotive HVAC systems, construction, and environmental filtration, where cleanability and extended service life are critical.



TYPES OF WIRE MESH GRADES

Ambani Metals offers wire mesh in a wide range of metallic grades and alloys to meet the precise needs of different industries and environments. Each grade provides unique benefits in terms of corrosion resistance, strength, temperature tolerance, formability, and cost-effectiveness. Selecting the appropriate material is critical to achieving optimal filtration performance, longevity, and operational efficiency. Whether you require mesh for marine environments, high-temperature processing, chemical filtration, or decorative architecture, we offer the right grade to suit your application.

HASTELLOY WIRE MESH

Ambani Metals supplies premium-grade Hastelloy Wire Mesh, designed for highly aggressive environments that demand exceptional corrosion resistance, thermal stability, and mechanical durability. Made from advanced nickel-molybdenum-chromium alloys like Hastelloy C-276, B-2, B-3, and C-22, this mesh excels in resisting pitting, stress corrosion cracking, and oxidation, even in concentrated acids, chlorides, and high-temperature applications.

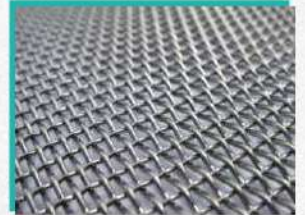
Material : C-276, B-2, B3, C-22, etc

Mesh : up to 300 Mesh



STAINLESS STEEL WIRE MESH

Ambani Metals offers premium-quality Stainless Steel Wire Mesh known for its excellent corrosion resistance, mechanical strength, and temperature stability. Available in a wide range of mesh counts, wire diameters, and weave types, stainless steel mesh is ideal for use in filtration, screening, reinforcement, and architectural applications across various industries including chemical, food processing, automotive, pharmaceutical, and construction.



INCONEL WIRE MESH

Ambani Metals offers high-performance Inconel Wire Mesh manufactured from nickel-chromium-based superalloys, designed to perform reliably in extreme heat, pressure, and corrosive environments. Known for its superior oxidation resistance, mechanical strength, and thermal stability, Inconel mesh is ideal for high-stress applications in industries like aerospace, petrochemicals, nuclear energy, and marine systems.

Material : Inconel 600,601,617,625,718,X-750,800,825 etc.

Mesh : up to 300 Mesh



NICHROME WIRE MESH

Ambani Metals provides high-quality Nichrome Wire Mesh, manufactured from premium nickel-chromium alloys. Known for its excellent heat resistance, electrical stability, and oxidation resistance, Nichrome mesh is widely used in high-temperature applications such as electric furnaces, resistors, radiant heaters, and thermal filtration systems. It offers excellent mechanical strength and remains stable under fluctuating thermal cycles, making it ideal for industrial heating processes.

Material : Cr20Ni80, Cr15Ni60, Cr20Ni35

Mesh : up to 300 Mesh



TUNGSTEN WIRE CLOTH

Ambani Metals offers premium-grade Tungsten Wire Cloth, designed for critical applications where extreme heat resistance, high tensile strength, and chemical stability are essential. Manufactured using 99.9% pure tungsten wire, this mesh is ideal for use in high-temperature furnaces, vacuum environments, electronic components, and medical devices. Its high melting point and low vapor pressure make it one of the most reliable materials for demanding thermal and structural environments.

Material : High Purity Copper ($\geq 99.9\%$)

Mesh : Up to 250 mesh



COPPER WIRE MESH

Ambani Metals offers premium Copper Wire Mesh known for its superior electrical and thermal conductivity, excellent corrosion resistance, and malleability. Manufactured using high-purity copper, this mesh is ideal for applications in electrical systems, EMI/RFI shielding, architecture, and filtration. Its reddish-brown finish also makes it a popular choice for decorative and aesthetic installations.

Material : High Purity Copper ($\geq 99.9\%$)

Mesh : Up to 250 mesh



DUPLEX WIRE MESH

Ambani Metals provides premium-grade Duplex Wire Mesh, manufactured using duplex stainless steels such as Duplex 2205 and Super Duplex 2507, offering the combined benefits of austenitic and ferritic stainless steels. This wire mesh delivers exceptional corrosion resistance, especially against chloride stress corrosion, while maintaining high mechanical strength and thermal stability. It is ideal for demanding applications in marine, chemical, and offshore industries.

Material : Duplex 2205 (UNS S32205), Other duplex and lean duplex grades available on request

Mesh Range : Up to 250 mesh



SUPER DUPLEX WIRE MESH

Ambani Metals offers high-performance Super Duplex Wire Mesh crafted from advanced stainless steel alloys like Super Duplex 2507 (UNS S32750 / S32760). Known for its exceptional mechanical strength and superior resistance to corrosion, particularly in chloride-rich and aggressive chemical environments, this mesh is ideal for the most demanding industrial conditions. It is widely used in marine, offshore, oil & gas, and desalination applications.

Material : Super Duplex 2507 (UNS S32750 / S32760), Other custom super duplex grades available upon request

Mesh Range : Up to 250 mesh



BRASS WIRE MESH

Ambani Metals offers premium Brass Wire Mesh manufactured using high-precision weaving techniques to meet the highest industry standards. Made from a copper-zinc alloy, our brass wire mesh provides excellent corrosion resistance, electrical conductivity, and formability, making it ideal for a wide range of functional and aesthetic applications. Whether used in filtration systems, electromagnetic shielding, or decorative structures, Ambani's brass mesh delivers durability, precision, and performance.

Material : Brass Wire, Red Copper Wire, Phosphor Bronze Wire



LOW CARBON STEEL WIRE MESH

Ambani Metals provides durable and cost-effective Low Carbon Steel Wire Mesh, designed for a wide range of industrial and commercial filtration, screening, and reinforcement applications. Manufactured using high-quality mild steel wires (Q195, Q235, C1006, C1008, etc.), these meshes are known for their high tensile strength, good weldability, and affordability. Our wire meshes are available in various weave patterns and can be customized into discs, cylinders, layers, and special shapes as per customer requirements.

Material : High Quality low carbon steel wire, Q195, Q235, C1006 and C1008 etc.

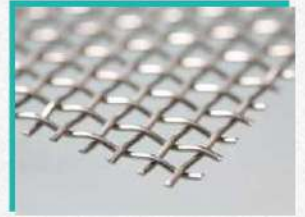


SILVER WIRE MESH

Ambani Metals offers high-purity Silver Wire Mesh, designed for high-performance applications that demand exceptional electrical conductivity, thermal stability, and chemical resistance. Manufactured using 99.99% pure silver wire, this wire mesh is highly ductile and corrosion-resistant, making it ideal for critical applications in the electronics, aerospace, power, and scientific research sectors.

Specification

1. Material : 99.99% pure silver wire
2. Mesh : 0.2 - 180
3. Width : 20 mm - 1500 mm
4. Weave Pattern : Plain Weave and Twill Weave



TITANIUM WIRE MESH

Ambani Metals supplies high-grade Titanium Wire Mesh known for its exceptional strength-to-weight ratio, outstanding corrosion resistance, and biocompatibility. Made from Commercially Pure (CP) Titanium and Titanium Alloys, this mesh is ideal for demanding applications in aerospace, medical, electroplating, and chemical processing. Its natural oxide film ensures protection against corrosion and electrolytic reactions, even in aggressive environments.



NICKEL WIRE MESH

Ambani Metals offers premium-grade Nickel Wire Mesh designed for demanding industrial applications requiring superior corrosion resistance, thermal stability, and electrical conductivity. Made from high-purity nickel wire, this mesh is especially suited for use in chemical processing, marine environments, batteries, and gas-liquid filtration. It maintains its mechanical integrity even under high temperatures and acidic or alkaline conditions.

Specifications :

- Wire Diameter : 0.05mm-16mm
Mesh : up to 300 mesh



MONEL WIRE MESH

Ambani Metals provides high-quality Monel Wire Mesh, engineered for extreme environments that demand excellent corrosion resistance, high strength, and thermal stability. Composed primarily of nickel (up to 67%) and copper, Monel alloys perform exceptionally well in acidic, alkaline, and marine atmospheres. This mesh is non-magnetic, tough, and ideal for both high-pressure and high-temperature applications in industries such as chemical processing, oil & gas, marine, and aerospace.

Material : Monel 400, Monel 401, Monel 404, MonelR 405, Monel K-500

Mesh : up to 400 Mesh



WIRE MESH SPECIFICATION GUIDE

| Meshes per linear inch | Wire diameter | | Width of opening | | Open area percent | Weight - Pounds per 100 Sq . ft . | | |
|---------------------------|---------------|-------|------------------|------|----------------------|-----------------------------------|-------------|------------|
| | Inches | mm | Inches | mm | | stainless steel | pure copper | 80-20Brass |
| 1X1 | .157 | 4.0 | .84 | 21.4 | 71.0 | 110.97 | 46.6 | 45.4 |
| 2X2 | .118 | 2.5 | .38 | 10.2 | 64.0 | 86.77 | 58.0 | 56.6 |
| 3X3 | .079 | 2.0 | .25 | 6.4 | 58.0 | 82.45 | 64.3 | 62.7 |
| 4X4 | .063 | 1.6 | .187 | 4.75 | 56.0 | 104.8 | 118.8 | 115.8 |
| 4X4 | .047 | 1.19 | .0203 | 5.16 | 65.9 | 57.6 | 65.3 | 63.7 |
| 5X5 | .055 | 1.4 | .14 | 3.68 | 52.0 | 68.25 | 62.2 | 60.7 |
| 6X6 | .047 | 1.2 | .12 | 3.03 | 51.0 | 59.74 | 54.5 | 53.2 |
| 8X8 | .043 | 1.1 | .08 | 2.08 | 42.0 | 66.83 | 46.6 | 45.4 |
| 10X10 | .039 | 1.0 | .06 | 1.54 | 36.0 | 69.67 | 46.7 | 45.5 |
| 10X10 | .020 | .51 | .080 | 2.03 | 64.0 | 26.1 | 29.6 | 28.8 |
| 12X12 | .023 | .584 | .060 | 1.52 | 51.8 | 42.2 | 47.8 | 46.6 |
| 12X12 | .020 | .508 | .063 | 1.60 | 57.2 | 31.6 | 35.8 | 34.9 |
| 14X14 | .023 | .854 | .048 | 1.22 | 45.2 | 49.8 | 56.4 | 55.0 |
| 14X14 | .020 | .508 | .051 | 1.30 | 51.0 | 37.2 | 42.2 | 41.1 |
| 16X16 | .018 | .457 | .445 | 1.13 | 50.7 | 34.5 | 39.1 | 38.1 |
| 18X18 | .017 | .432 | .0386 | .98 | 48.3 | 34.8 | 39.4 | 38.5 |
| 20X20 | .020 | .508 | .0300 | .76 | 36.0 | 55.2 | 62.6 | 61.0 |
| 20X20 | .016 | .406 | .0340 | .86 | 46.2 | 34.4 | 39.0 | 38.0 |
| 24X24 | .014 | .356 | .0277 | .70 | 44.2 | 31.8 | 36.0 | 35.1 |
| 30X30 | .013 | .330 | .0203 | .52 | 37.1 | 34.8 | 39.4 | 38.5 |
| 30X30 | .012 | .305 | .0213 | .54 | 40.8 | 29.4 | 33.3 | 32.5 |
| 30X30 | .009 | .229 | .0243 | .62 | 53.1 | 16.1 | 18.3 | 17.8 |
| 35X35 | .11 | .279 | .0176 | .45 | 37.9 | 29.0 | 32.9 | 32.0 |
| 40X40 | .010 | .254 | .150 | .38 | 36.0 | 27.6 | 31.3 | 30.5 |
| 50X50 | .009 | .229 | .0110 | .28 | 30.3 | 28.4 | 32.2 | 31.4 |
| 50X50 | .008 | .203 | .0120 | .31 | 36.0 | 22.1 | 25.1 | 24.4 |
| 60X60 | .0075 | .191 | .0092 | .23 | 30.5 | 23.7 | 26.9 | 26.2 |
| 60X60 | .007 | .178 | .0097 | .25 | 33.9 | 20.4 | 23.1 | 22.5 |
| 70X70 | .0065 | .0165 | .0078 | .20 | 29.8 | 20.8 | 23.6 | 23.0 |
| 80X80 | .0065 | .165 | .0060 | .15 | 23.0 | 23.2 | 26.3 | 25.6 |
| 80X80 | .0055 | .140 | .0070 | .18 | 31.4 | 16.9 | 19.2 | 18.7 |

| Meshes per linear inch | Wire diameter | | Width of opening | | Open area percent | Weight - Pounds per 100 Sq.ft. | | |
|------------------------|---------------|-------|------------------|-------|-------------------|--------------------------------|-------------|------------|
| | Inches | mm | Inches | mm | | Stainless steel | Pure copper | 80-20Brass |
| 90X90 | .005 | .127 | .0061 | .16 | 30.1 | 15.8 | 17.9 | 17.5 |
| 100x100 | .0045 | .114 | .0055 | .14 | 30.3 | 14.2 | 16.1 | 15.7 |
| 100x100 | .004 | .102 | .0060 | .15 | 36.0 | 11.0 | 12.5 | 12.2 |
| 100x100 | .0035 | .089 | .0065 | .17 | 42.3 | 8.3 | 9.4 | 9.2 |
| 110x100 | .0040 | .1016 | .0051 | .1295 | 30.7 | 12.4 | 14.1 | 13.7 |
| 120x120 | .0037 | .0940 | .0046 | .1168 | 30.7 | 11.6 | 13.1 | 12.8 |
| 150x150 | .0026 | .0660 | .0041 | .1041 | 37.4 | 7.1 | 8.0 | 7.8 |
| 160x160 | .0025 | .0635 | .0038 | .0965 | 36.4 | 5.94 | - | - |
| 180x180 | .0023 | .0584 | .0033 | .0838 | 34.7 | 6.7 | 7.6 | 7.4 |
| 200x200 | .0021 | .0533 | .0029 | .0737 | 33.6 | 6.2 | 7.0 | 6.9 |
| 250x250 | .0016 | .0406 | .0024 | .0610 | 36.0 | 4.4 | 5.0 | 4.9 |
| 270x270 | .0016 | .0406 | .0021 | .0533 | 32.2 | 4.7 | 5.3 | - |
| 300x300 | .0015 | .0381 | .0018 | .0457 | 29.7 | 3.04 | - | - |
| 325x325 | .0014 | .0356 | .0017 | .0432 | 30.0 | 4.40 | 5.0 | - |
| 400x400 | .0010 | .0254 | .0015 | .0370 | 36.0 | 3.3 | 3.7 | - |
| 500x500 | .0010 | .0254 | .0010 | .0254 | 25.0 | 3.8 | 4.3 | - |
| 635x635 | .0008 | .0203 | .0008 | .0203 | 25.0 | 2.63 | - | - |

PLAIN DUTCH WEAVE

| Mesh count per Inch | Wire diameter inches | Absolute filter rating microns | Nominal filter rating microns |
|---------------------|----------------------|--------------------------------|-------------------------------|
| 8x85 | .014x.0126 | 318-348 | 250-255 |
| 12x64 | .024x.0165 | 270-285 | 200-205 |
| 14x88 | .020x.013 | 225-245 | 150-155 |
| 20x150 | .0098x.007 | 155-165 | 100-105 |
| 24x100 | .015x.010 | 115-125 | 80-85 |
| 30x150 | .009x.007 | 95-100 | 65-70 |
| 40x200 | .007x.0055 | 65-70 | 55-60 |
| 50x250 | .0055x.0045 | 55-60 | 40-45 |
| 80x400 | .0049x.0028 | 43-48 | 35-40 |

TWILL DUTCH WEAVE

| Mesh count per Inch | Wire diameter inches | Absolute filter rating microns | Nominal filter rating microns |
|---------------------|----------------------|--------------------------------|-------------------------------|
| 20x250 | .0098x.0079 | 110-120 | 98-105 |
| 30x360 | .0098x.0060 | 90-100 | 80-84 |
| 40x560 | .0070x.0040 | 70-75 | 47-52 |
| 80x700 | .0040x.0030 | 35-40 | 24-26 |
| 200x600 | .0024x.0018 | 28-32 | 19-21 |
| 165x800 | .0028x.0020 | 24-26 | 14-16 |
| 165x1400 | .0028x.0016 | 16-18 | 9-11 |
| 200x1400 | .0028x.0016 | 12-14 | 5-6 |
| 250x400 | .0022x.0016 | 11-12 | 3-4 |
| 325x2300 | .0015x.0010 | 8-9 | 2-3 |

TENSILE BOLTING CLOTH

| Meshes Per Linear Inch | Width of Opening | | Diameter of Wire | | Open Area per Cent | Weight 100 Sp . ft . |
|---------------------------|------------------|-------|------------------|-------|--------------------|-------------------------|
| | Inches | mm | Inches | mm | | |
| 16x16 | .0535 | 1.36 | .009 | .229 | 73.3 | 8.38 |
| 18x18 | .0466 | 1.18 | .009 | .229 | 70.2 | 9.48 |
| 24x24 | .0342 | .869 | .0075 | .191 | 67.2 | 8.75 |
| 28x28 | .282 | .716 | .0075 | .191 | 62.4 | 10.29 |
| 30x30 | .0268 | .681 | .0065 | .165 | 64.8 | 8.35 |
| 36x36 | .0213 | .541 | .0065 | .165 | 58.7 | 10.09 |
| 40x40 | .0185 | .470 | .0065 | .165 | 54.8 | 11.29 |
| 50x50 | .145 | .368 | .0055 | .127 | 52.6 | 10.14 |
| 60x60 | .0122 | .310 | .0045 | .114 | 53.3 | 8.13 |
| 70x70 | .0106 | .269 | .0037 | .094 | 54.9 | 6.40 |
| 76x76 | .0095 | .241 | .0037 | .094 | 51.7 | 6.99 |
| 80x80 | .0088 | .224 | .0037 | .094 | 49.6 | 7.39 |
| 90x90 | .0076 | .193 | .0035 | .089 | 47.8 | 7.48 |
| 94x94 | .0071 | .180 | .0035 | .089 | 45.0 | 7.84 |
| 105x105 | .0065 | .165 | .0030 | .076 | 46.9 | 6.41 |
| 120x120 | .0058 | .147 | .0025 | .064 | 47.3 | 5.07 |
| 165x165 | .0042 | .107 | .0019 | .048 | 47.1 | 4.04 |
| 200x200 | .0034 | .0864 | .0016 | .0406 | 46.2 | 3.48 |
| 230x230 | .0029 | .0737 | .0014 | .0356 | 46.0 | 3.06 |
| 400x400 | .0016 | .0415 | .0009 | .022 | 35.1 | 2.90 |

REVERSE DUTCH WEAVE WIRE MESH

| Mesh | Wire diameter (.um) | | Micron Retention (.um) | | Porosity (%) | Weight (kg/m2) | Cloth Thickness (mm) |
|-------------|---------------------|------|------------------------|----------|-----------------|-------------------|----------------------------|
| | Warp | Weft | Nominal | Absolute | | | |
| 720X140-150 | 35 | 110 | 15 | 16-20 | 52 | .65-.70 | .15-.18 |
| 630X125-130 | 42 | 125 | 17 | 22-26 | 53 | .75-.85 | .20-.22 |
| 600X100-105 | 42 | 140 | 25 | 34-38 | 57 | .75-.80 | .22-.23 |
| 280X60-70 | 90 | 200 | 40 | 54-60 | 56 | 1.34-1.55 | .38-.40 |
| 175X40-50 | 150 | 300 | 60 | 65-72 | 55 | 2.1-2.40 | .57-.60 |
| 130X30-35 | 200 | 380 | 80 | 95-105 | 57 | 2.7-3.10 | .77-.80 |
| 175X37 | - | - | 85 | 100-106 | 54 | 2.10 | .57 |
| 170X40 | - | - | 90 | 106-118 | 54 | 2.10 | .57 |
| 260X40 | - | - | 125 | 112-125 | 54 | 2.25 | .62 |
| 84X14 | - | - | - | 450-530 | 62 | 3.50 | 1.15 |

MESH TO MICRON CONVERSION

| U.S. MESH | INCHES | MICRONS | MILLIMETERS |
|-----------|--------|---------|-------------|
| 3 | 0.2650 | 6730 | 6.730 |
| 4 | 0.1870 | 4760 | 4.760 |
| 5 | 0.1570 | 4000 | 4.000 |
| 6 | 0.1320 | 3360 | 3.360 |
| 7 | 0.1110 | 2830 | 2.830 |
| 8 | 0.0937 | 2380 | 2.380 |
| 10 | 0.0787 | 2000 | 2.000 |
| 12 | 0.0661 | 1680 | 1.680 |
| 14 | 0.0555 | 1410 | 1.410 |
| 16 | 0.0469 | 1190 | 1.190 |
| 18 | 0.0394 | 1000 | 1.000 |
| 20 | 0.0331 | 841 | 0.841 |
| 25 | 0.0280 | 707 | 0.707 |
| 30 | 0.0232 | 595 | 0.595 |
| 35 | 0.0197 | 500 | 0.500 |
| 40 | 0.0165 | 400 | 0.400 |
| 45 | 0.0138 | 354 | 0.354 |
| 50 | 0.0117 | 297 | 0.297 |
| 60 | 0.0098 | 250 | 0.250 |
| 70 | 0.0083 | 210 | 0.210 |
| 80 | 0.0070 | 177 | 0.177 |
| 100 | 0.0059 | 149 | 0.149 |
| 120 | 0.0049 | 125 | 0.125 |
| 140 | 0.0041 | 105 | 0.105 |
| 170 | 0.0035 | 88 | 0.088 |
| 200 | 0.0029 | 74 | 0.074 |
| 230 | 0.0024 | 63 | 0.063 |
| 270 | 0.0021 | 53 | 0.053 |
| 325 | 0.0017 | 44 | 0.044 |
| 400 | 0.0015 | 37 | 0.037 |

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