











Please visit our website or contact our office for more detailed information on our products: www.universalconstruct.ro





THANK YOU FOR YOUR INTEREST

We are your wire mesh authority, manufacturer of woven and welded wire mesh for the architectural and industrial industries. This catalog takes a more in-depth look at our architecturally focused products, that can be tailored to your needs. Big or small, simple or complex — with just a little communication, any project is possible.

This catalog contains some of our most popular specifications and unless noted otherwise, every product is shown at 100% scale. We want you to know that there is a lot more to us than we can print in a single catalog. With nearly 1,000 sets of crimping tools and on-site tooling production, various types of stiffness, texture, reflectivity, aspect ratio, scale, and patterns can be effortlessly engineered into the mesh.

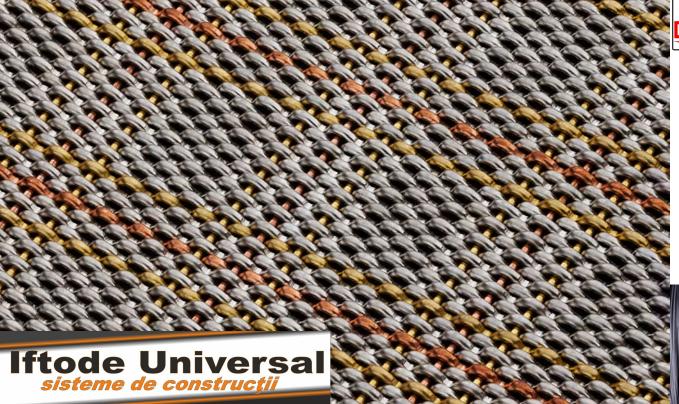
Sit back, relax, and enjoy. When you're ready, give us a call and we'll be here to help.

YOUR WIRE MESH AUTHORITY





DETAILS







ALLOY TYPES

Architectural wire mesh fabrics can be produced using a wide variety of raw materials that suit all specifications, budgets, and design goals. The most common materials are T300 series stainless steels. The most basic stainless steel, T304, is recommended for interior applications. For exterior applications that require additional resistance to acids and salts. T316 is recommended.

Carbon steel, pre-galvanized steel, aluminum, and copper based alloys (bronze, brass, copper) are among the many alternatives that are readily available at us. We can also combine alloys within a wire mesh pattern to create unique pieces with color and textural variety.







We manufacture most products in mill finish condition. To better serve our customers, we have researched a number of secondary finishes that work well with woven and welded wire mesh for both interior and exterior architectural applications. We can assist in the early design stage by identifying appropriate raw materials and establishing a specification that will produce the desired final finish.

When appropriate, we can provide the specified finish and deliver the fabricated materials ready to install. Typical finishes applied to wire mesh to achieve corrosion resistance, color, and desired reflectivity include: powder coat, black oxide, decorative plating, pickling, and many other copper based alloy finishes. Please call us to discuss your next project design goals.

Black Oxide Powder Coat Plated







WIRE DIAMETER PITCH

We weaves wire diameters from 0.035" to 0.375". Most traditional wire cloth specifications use identical wire diameters in both the warp and fill directions. However, many architectural patterns are created using combinations of wire diameters within a single piece of wire cloth. This results in subtle changes in the wire fabric's overall appearance. It also emphasizes texture or direction of the weave, bringing more attention to the vertical or horizontal lines as desired.

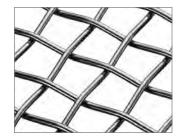
Wire or pattern spacing is referred to as "pitch," a measurement from the centerline of one wire to the centerline of the next, or from the start of one full pattern segment to the beginning of the next ("repeat"). The aspect ratio of the mesh is calculated based on these measurements and can be a design criteria when choosing a mesh pattern. Due to the versatility of our's woven wire products, a pattern can be scaled up or down to suit its intended design function.





CRIMPING CAMELEON DECORATIV design & arhitectura





PLAIN - PL

Plain crimp is a simple zigzag style of crimping where warp and fill wires intersect at every available pocket. With Pre-Crimped material, the Plain Crimp is most common when Mesh to Diameter (MD) Ratios are 4:1 or less. This un-tooled look produces a smooth and subtle pattern. Our designation for this crimp style is PL.



LOCK CRIMP - LC

Lock Crimp is a more modern and very versatile crimp style that has been largely overlooked for architectural applications. Unlike Plain Crimp, Lock Crimp is characterized by straight sections of wire connected by a well defined 'bump' at the wire intersections. Lock Crimp yields material with superb dimensional stability and has a clean look that many designers find visually appealing. Lock Crimp works well at practically any MD ratio of 4:1 and greater. Our designation for this crimp style is LC.



Flat top is really a modified version of Lock Crimp, except that all the crimping is offset to one side of the material. The result is a smooth plane in which all of the wire surfaces are flush with one another to give a flat appearance to the front of a Flat Top piece. The back side shows crimps approximately twice the height of a Lock Crimp. Originally developed to present a smooth surface to material flow, or as a backer screen for finer mesh, Flat Top is also used extensively in architectural applications. Our designation for this crimp style is FT.



INTERCRIMP - 13, 15, 17, ETC

While not really a fundamental crimp style, we choose to list it with the other crimp styles because of its widespread use. Intercrimp is simply Plain Crimp except that wire intersections occur only at every 3rd, 5th, 7th intersection, etc. This type of weave is practical only at MD ratios of 6:1 or more, and is best suited for ratios of 8:1 or more. We designate this style of weave as I3, I5, I7, etc. Our designation for this crimp style is I#.





CRIMPING CAMELEON DECORATIV





TRIPLE SHUTE - TS

Triple Shute is a specialty crimp style that is generally used in conjunction with another crimp style. It consists of relatively long sections of straight wire connected by groupings of three Plain Crimp pockets. The resulting material has rectangular openings of very high aspect ratio. Developed originally as a non-blinding sizing product, it also has interesting architectural properties. Our designation for this crimp style is TS.

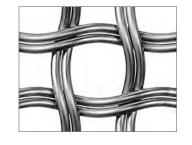


FAUX CABLE - PS

Faux Cable is a variant of the triple shoot crimp style, but instead of having the clusters of three closely spaced wires separated by a small space, Faux Cable has its clusters of wires (generally 2, 3, or 4) spaced tightly together with no gaps between adjacent wires. While some manufacturers produce this style of material by simply pressing groups of wires together, we place special crimps in the surface of the wire. This technique assures absolute repeatability in the mesh spacing and eliminates any problems associated with cumulative pitch variation. Cumulative pitch variation can result in aesthetic problems when attempting to align multiple panels. Our designation for this crimp style is **PS.**

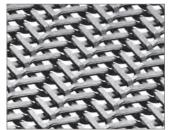
HELIX - HX

The helix is a new crimp style with enormous design potential. For years, the wire mesh industry has been limited to making squares, rectangles, and diamonds. Our company introduces a design that represents a whole new category of wire mesh construction. Naturally flowing circular shaped openings are created when intersecting the helical wires. The smooth lines created by the spiral shaped wires give this mesh a soft and tranquil look and feel. The helix can also be combined with any other fundamental crimp style, creating a truly unique woven wire mesh pattern. Our designation for this crimp style is HX.



TWILL - TW

Exploring further into traditional weave styles, we refine the classic twill style weave for architectural purposes. Traditionally, the twill style weave allows for a tighter mesh to diameter ratio which reduces the need to form the wire beyond its physical limitations. Four independent heddle frames on the loom allow for complex wire positioning that create a number of parallel diagonal pattern configurations. Pre-crimping a twill style mesh allows complete control of the unique visual detail, emphasizing the herringbone pattern in a large scale woven wire mesh. Our designation for this crimp style is TW.





ittode Universal



Our products can help earn LEED certification by contributing to the following credits in LEED 2009 for New Construction and Major Renovation:

SS 8 - Light Pollution Reduction. Our mesh can help filter the effects of lighting at night. Mesh screens are particularly useful when used as shading devices for facilities that operate 24 hours a day, such as parking garages and factories.

EA1-Optimize Energy Performance. Our mesh can be used as a sunshade on building facades, thus decreasing the amount of air conditioning required to cool spaces.

MR 4 - Recycled Content. The post-consumer and pre-consumer recycled content of our mesh helps contribute to securing this credit.



SUSTAINABILITY

As a manufacturer of woven metal wire mesh fabrics, we use very little energy. The process is entirely cold-forming, using machines with the latest variable speed technology. Our plant and offices are illuminated with natural daylight and energy efficient fluorescent lighting. The various wire alloys used in our woven and welded wire mesh products contain high level percentages of pre-consumer and post-consumer scrap. With Steel being the most efficient and commonly recycled material, percentages average 80-85% post-consumer and 13-18% pre-consumer content. The average recycled content of Stainless Steel wire used at us is 90%, with 80% of that being post-consumer and 20% being pre-consumer content.

Less than 5% of the wire we use becomes scrap, and it is completely recycled through protocol integrated into our production process. This guarantees our scrap metal is handled in a manner that respects the environment.









LARGE





FPZ-16

MESH CATEGORY	Large
PERCENT OPEN AREA	66.5%
WEIGHT	1.85 lbs/sq ft
CRIMP STYLE	FTPLZ
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.42 inches
OVERALL THICKNESS	0.285 inches
ASPECT RATIO	3.33:1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv, Galfan



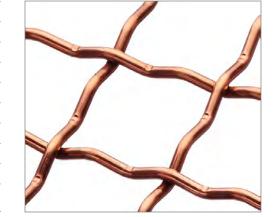








MESH CATEGORY	Large
PERCENT OPEN AREA	79.6%
WEIGHT	0.989 lbs/sq ft
CRIMP STYLE	1313
MAXIMUM "A" DIMENSION	1200 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	1.1 inches
OVERALL THICKNESS	0.27 inches
ASPECT RATIO	1.00:1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv, Galfan



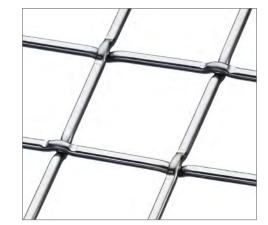






L-62

MESH CATEGORY	Large
PERCENT OPEN AREA	81.7%
WEIGHT	1.20 lbs/sq ft
CRIMP STYLE	LCLC
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	1.81 inches
OVERALL THICKNESS	0.380 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv, Galfar

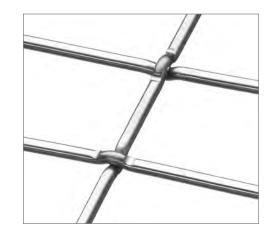






LZ-55

MESH CATEGORY	Large
PERCENT OPEN AREA	81.3%
WEIGHT	1.04 lbs/sq ft
CRIMP STYLE	LCLCZ
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	1.250 inches
OVERALL THICKNESS	0.324 inches
ASPECT RATIO	1.62 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv, Galfan







MESH CATEGORY	Large
PERCENT OPEN AREA	76.9%
WEIGHT	1.30 lbs/sq ft
CRIMP STYLE	PS3IZ
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	1.042 inches
OVERALL THICKNESS	0.375 inches
ASPECT RATIO	3.25 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv, Galfar

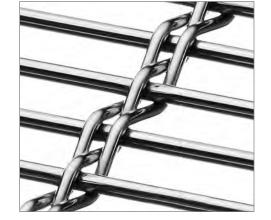








MESH CATEGORY	Large
PERCENT OPEN AREA	64.5%
WEIGHT	1.75 lbs/sq ft
CRIMP STYLE	PS3PZ
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.471 inches
OVERALL THICKNESS	0.365 inches
ASPECT RATIO	7.01 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galy, Galfan

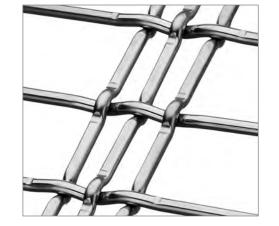








MESH CATEGORY	Large
PERCENT OPEN AREA	74.8%
WEIGHT	1.23 lbs/sq ft
CRIMP STYLE	TSLCZ
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.865 inches
OVERALL THICKNESS	0.305 inches
ASPECT RATIO	3.00:1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv, Galfan





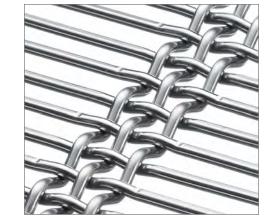




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MESH CATEGORY	Large
PERCENT OPEN AREA	59.8%
WEIGHT	1.623 lbs/sq ft
CRIMP STYLE	TSPLZ
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.255 inches
OVERALL THICKNESS	0.360 inches
ASPECT RATIO	8.42:1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv, Galfan









M22-8

MESH CATEGORY	Large
PERCENT OPEN AREA	77.2%
WEIGHT	1.330 lbs/sq ft
CRIMP STYLE	2P2P
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	1.840 inches
OVERALL THICKNESS	0.324 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv, Galfan









M22-27

MESH CATEGORY	Large
PERCENT OPEN AREA	75%
WEIGHT	1.40 lbs/sq ft
CRIMP STYLE	2L2L
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	1.925 inches
OVERALL THICKNESS	0.324 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv, Galfan



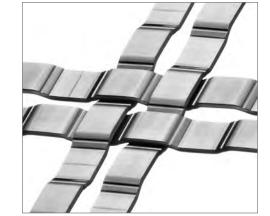






M22-38

MESH CATEGORY	Large
PERCENT OPEN AREA	39.1 %
WEIGHT	1.98 lbs/sq ft
CRIMP STYLE	2E2E
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	1.125 inches
OVERALL THICKNESS	0.120 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Bronze, Brass, Copper, Pre-Galv



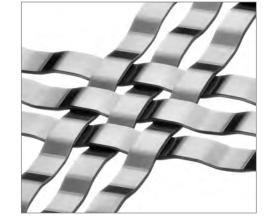






M33-5

MESH CATEGORY	Large
PERCENT OPEN AREA	37.1%
WEIGHT	1.41 lbs/sq ft
CRIMP STYLE	3E3E
MAXIMUM "A" DIMENSION	120 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	1.00 inches
OVERALL THICKNESS	0.095 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Bronze, Brass, Copper, Pre-Galv



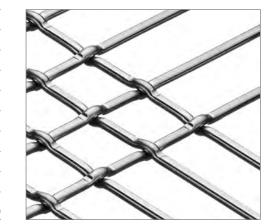






V44-2

MESH CATEGORY	Large
PERCENT OPEN AREA	77.4%
WEIGHT	1.04 lbs/sq ft
CRIMP STYLE	4L4L
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	2.10 inches
OVERALL THICKNESS	0.255 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv, Galfan



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5-15

ME	SH CATEGORY	Large
PERCEN	IT OPEN AREA	51.1%
	WEIGHT	1.50 lbs/sq ft
	CRIMP STYLE	E3E3
MAXIMUM "	A" DIMENSION	240 inches
MAXIMUM "	B" DIMENSION	120 inches
OPENIN	IG LIMITATION	0.963 inches
OVERA	LL THICKNESS	0.150 inches
	ASPECT RATIO	1.00 : 1
AVAIL	ABLE ALLOYS	Stainless, Bronze, Brass, Copper, Pre-Galv

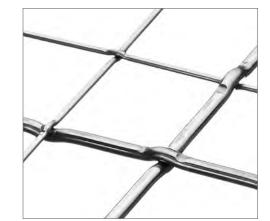




steel

SJD-3

MESH CATEGORY	Large
PERCENT OPEN AREA	85.3%
WEIGHT	0.99 lbs/sq ft
CRIMP STYLE	SJD
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	1.88 inches
OVERALL THICKNESS	0.500 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Pre-Galv

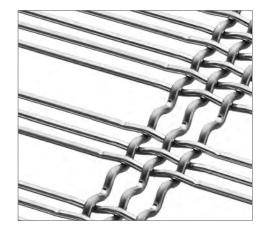






SJD-4

MESH CATEGORY	Large
PERCENT OPEN AREA	Per Design
WEIGHT	Per Design
CRIMP STYLE	SJD
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	Per Design
OVERALL THICKNESS	Per Design
ASPECT RATIO	Per Design
AVAILABLE ALLOYS	Stainless, Mild Steel, Bronze, Brass, Copper, Pre-Galv, Galfan











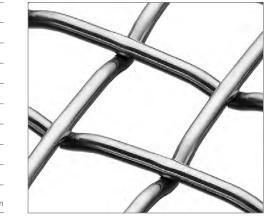
MID-FILL





F-48

MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	70.2%
WEIGHT	1.702 lbs/sq ft
CRIMP STYLE	FTFT
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.838 inches
OVERALL THICKNESS	0.295 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv, Galfar





F-83



MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	74%
WEIGHT	0.95 lbs/sq ft
CRIMP STYLE	FTFT
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.645 inches
OVERALL THICKNESS	0.180 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv, Galfan



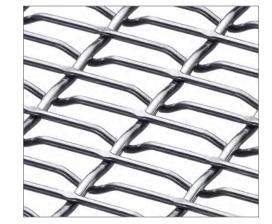






FPZ-46

MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	64.0%
WEIGHT	1.34 lbs/sq ft
CRIMP STYLE	FTPLZ
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.213 inches
OVERALL THICKNESS	0.215 inches
ASPECT RATIO	3.00:1
AVAILABLE ALLOYS	Stainless, Mild Steel, Bronze, Brass, Copper, Pre-Galv



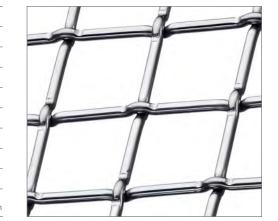






L-81

MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	77.4%
WEIGHT	0.928 lbs/sq ft
CRIMP STYLE	LCLC
MAXIMUM "A" DIMENSION	1800 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.880 inches
OVERALL THICKNESS	0.240 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv, Galfar







LPZ-62

MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	45.8%
WEIGHT	2.40 lbs/sq ft
CRIMP STYLE	LCPLZ
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.125 inches
OVERALL THICKNESS	0.240 inches
ASPECT RATIO	4.00:1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv, Galfan



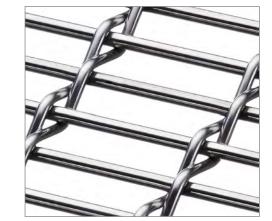






M12Z-17

MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	61.7%
WEIGHT	2.12 lbs/sq ft
CRIMP STYLE	P\$2PZ
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.471 inches
OVERALL THICKNESS	0.390 inches
ASPECT RATIO	2.67:1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv, Galfan

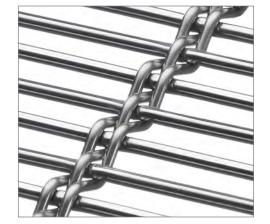








MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	62.9%
WEIGHT	1.650 lbs/sq ft
CRIMP STYLE	PS3PZ
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.250 inches
OVERALL THICKNESS	0.304 inches
ASPECT RATIO	8.16 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv









MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	42.3%
WEIGHT	2.30 lbs/sq ft
CRIMP STYLE	PS3PZ
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.131 inches
OVERALL THICKNESS	0.290 inches
ASPECT RATIO	8.33:1
AVAILABLE ALLOYS	Stainless, Mild Steel, Bronze, Brass, Copper

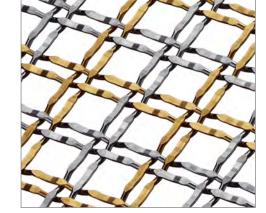








MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	61%
WEIGHT	1.00 lbs/sq ft
CRIMP STYLE	2F2F
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.50 inches
OVERALL THICKNESS	0.130 inches
ASPECT RATIO	1.00:1
AVAILABLE ALLOYS	Stainless, Mild Steel, Bronze, Brass, Copper, Pre-Galv

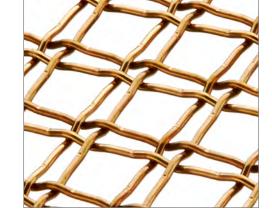








MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	66.2%
WEIGHT	1.30 lbs/sq ft
CRIMP STYLE	2L2L
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.725 inches
OVERALL THICKNESS	0.210 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv, Galfan

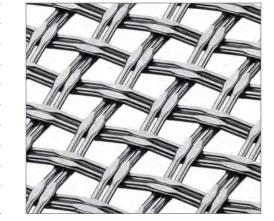








MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	46.3%
WEIGHT	2.00 lbs/sq ft
CRIMP STYLE	2E2E
MAXIMUM "A" DIMENSION	120 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.345 inches
OVERALL THICKNESS	0.150 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Bronze, Brass, Copper, Pre-Galv

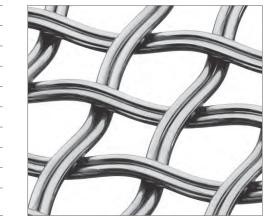








MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	52%
WEIGHT	1.90 lbs/sq ft
CRIMP STYLE	2H2H
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.65 inches
OVERALL THICKNESS	0.210 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Bronze, Copper, Brass, Pre-Galv

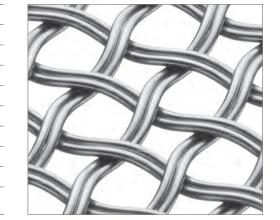








MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	41.4%
WEIGHT	1.70 lbs/sq ft
CRIMP STYLE	2H2H
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.425 inches
OVERALL THICKNESS	0.160 inches
ASPECT RATIO	1.00:1
AVAILABLE ALLOYS	Stainless, Mild Steel, Bronze, Copper, Brass, Pre-Galv





CAMELEON







M33-2

MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	9.20%
WEIGHT	3.50 lbs/sq ft
CRIMP STYLE	3E3E
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.135 inches
OVERALL THICKNESS	0.125 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Bronze, Brass, Copper





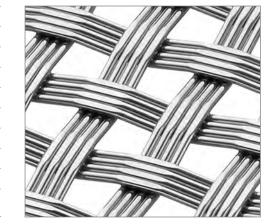






M44-7

MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	34.0%
WEIGHT	1.88 lbs/sq ft
CRIMP STYLE	4E4E
MAXIMUM "A" DIMENSION	120 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.285 inches
OVERALL THICKNESS	0.120 inches
ASPECT RATIO	1.00:1
AVAILABLE ALLOYS	Stainless, Mild Steel, Bronze, Brass, Copper









P-278



MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	70.1%
WEIGHT	1.70 lbs/sq ft
CRIMP STYLE	PLPL
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.838 inches
OVERALL THICKNESS	0.320 inches
ASPECT RATIO	1.00:1
AVAILABLE ALLOYS	Stainless, Mild Steel, Bronze, Brass



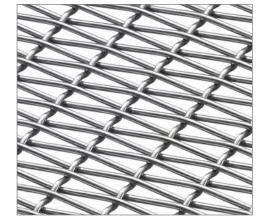
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PZ-11



MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	51.0%
WEIGHT	1.38 lbs/sq ft
CRIMP STYLE	PLPLZ
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.107 inches
OVERALL THICKNESS	0.160 inches
ASPECT RATIO	4.00:1
AVAILABLE ALLOYS	Stainless, Bronze









5-4

MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	36.9%
WEIGHT	2.94 lbs/sq ft
CRIMP STYLE	E1E1
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.210 inches
OVERALL THICKNESS	0.156 inches
ASPECT RATIO	1.00:1
AVAILABLE ALLOYS	Stainless







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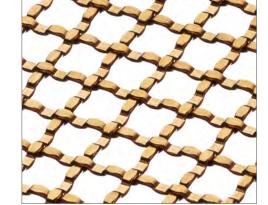
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5-9	el
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MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	63.4%
WEIGHT	1.25 lbs/sq ft
CRIMP STYLE	E3E3
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.495 inches
OVERALL THICKNESS	0.140 inches
ASPECT RATIO	1.00:1
AVAILABLE ALLOYS	Stainless, Aluminum, Bronze, Brass, Copper



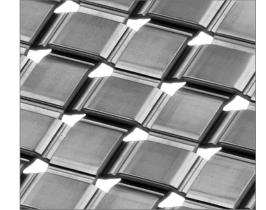








MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	6.6%
WEIGHT	3.67 lbs/sq ft
CRIMP STYLE	ELEL
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.125 inches
OVERALL THICKNESS	0.125 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Bronze, Brass, Copper, Pre-Galv











MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	24.8%
WEIGHT	2.45 lbs/sq ft
CRIMP STYLE	ELEL
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.375 inches
OVERALL THICKNESS	0.120 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Bronze, Brass, Copper, Pre-Galv









5-18

MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	25%
WEIGHT	1.70 lbs/sq ft
CRIMP STYLE	E1E1
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.30 inches
OVERALL THICKNESS	0.08 inches
ASPECT RATIO	1.00:1
AVAILABLE ALLOYS	Stainless, Bronze, Brass

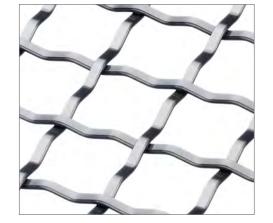






S-40 stee

MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	73.5%
WEIGHT	0.75 lbs/sq ft
CRIMP STYLE	E3E3
MAXIMUM "A" DIMENSION	144 inches
MAXIMUM "B" DIMENSION	96 inches
OPENING LIMITATION	0.75 inches
OVERALL THICKNESS	0.12 inches
ASPECT RATIO	1.00:1
AVAILABLE ALLOYS	Stainless, Mild Steel, Bronze, Brass, Pre-Galv



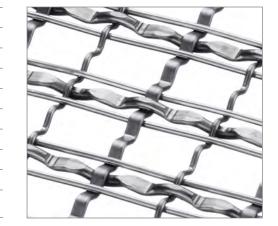






SJD-5

MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	61.2%
WEIGHT	1.20 lbs/sq ft
CRIMP STYLE	SJD
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.65 inches
OVERALL THICKNESS	0.16 inches
ASPECT RATIO	1.47 : 1
AVAILABLE ALLOYS	Stainless



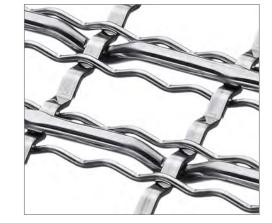






SJD-6

MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	60.2%
WEIGHT	1.40 lbs/sq ft
CRIMP STYLE	SJD
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.45 inches
OVERALL THICKNESS	0.175 inches
ASPECT RATIO	1.18 : 1
AVAILABLE ALLOYS	Stainless, Bronze, Brass, Copper









SZ-2

MESH CATEGORY	Mid-Fill
PERCENT OPEN AREA	30.0%
WEIGHT	2.23 lbs/sq ft
CRIMP STYLE	E1PLZ
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	78 inches
OPENING LIMITATION	0.100 inches
OVERALL THICKNESS	0.198 inches
ASPECT RATIO	3.92:1
AVAILABLE ALLOYS	Stainless



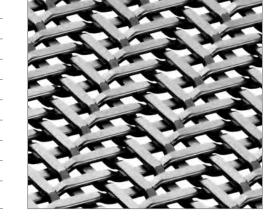




TW-1

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MESH	CATEGORY	Mid-Fill
PERCENT (OPEN AREA	27.8 %
	WEIGHT	2.27 lbs/sq ft
CF	IMP STYLE	TWTW
MAXIMUM "A"	DIMENSION	120 inches
MAXIMUM "B"	DIMENSION	72 inches
OPENING	LIMITATION	0.156 inches
OVERALL	THICKNESS	0.130 inches
ASF	PECT RATIO	1.00 : 1
AVAILAB	LE ALLOYS	Stainless, Bronze, Brass





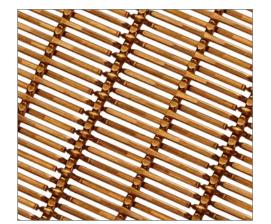




3DZ-151

MESH CATEGORY	Fine
PERCENT OPEN AREA	32.5%
WEIGHT	1.57 lbs/sq ft
CRIMP STYLE	3DZ
MAXIMUM "A" DIMENSION	120 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.050 inches
OVERALL THICKNESS	0.160 inches
ASPECT RATIO	7.00 : 1

Stainless, Bronze

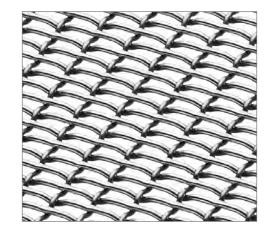






FPZ-20

MESH CATEGORY	Fine
PERCENT OPEN AREA	39.9%
WEIGHT	0.964 lbs/sq ft
CRIMP STYLE	FTPLZ
MAXIMUM "A" DIMENSION	120 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.042 inches
OVERALL THICKNESS	0.102 inches
ASPECT RATIO	2.40:1
AVAILABLE ALLOYS	Stainless



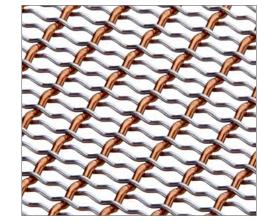






IPZ-25

MESH CATEGORY	Fine
PERCENT OPEN AREA	53.9%
WEIGHT	0.840 lbs/sq ft
CRIMP STYLE	I3PLZ
MAXIMUM "A" DIMENSION	1200 inches
MAXIMUM "B" DIMENSION	96 inches
OPENING LIMITATION	0.060 inches
OVERALL THICKNESS	0.098 inches
ASPECT RATIO	2.51 : 1
AVAILABLE ALLOYS	Stainless, Bronze, Brass, Copper



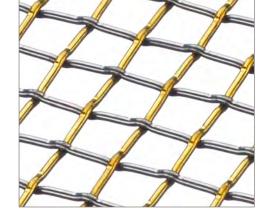






L-441

MESH CATEGORY	Fine
PERCENT OPEN AREA	70.6%
WEIGHT	0.83 lbs/sq ft
CRIMP STYLE	LCLC
MAXIMUM "A" DIMENSION	1800 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.42 inches
OVERALL THICKNESS	0.16 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv



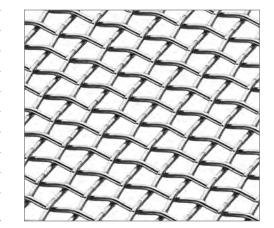






LP-20

MESH CATEGORY	Fine
PERCENT OPEN AREA	55.9%
WEIGHT	0.665 lbs/sq ft
CRIMP STYLE	LCPL
MAXIMUM "A" DIMENSION	120 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.126 inches
OVERALL THICKNESS	0.085 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Bronze, Brass, Copper



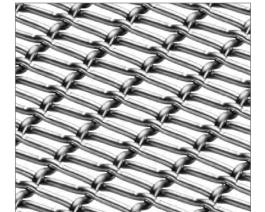






LPZ-71

MESH CATEGORY	Fine	
PERCENT OPEN AREA	44.0%	
WEIGHT	1.347 lbs/sq ft	
CRIMP STYLE	LCPLZ	
MAXIMUM "A" DIMENSION	240 inches	
MAXIMUM "B" DIMENSION	120 inches	
OPENING LIMITATION	0.071 inches	
OVERALL THICKNESS	0.126 inches	
ASPECT RATIO	2.80 : 1	
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv	



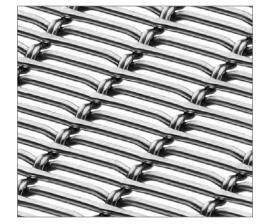






M12Z-16

MESH CATEGORY	Fine
PERCENT OPEN AREA	39%
WEIGHT	1.674 lbs/sq ft
CRIMP STYLE	FT2PZ
MAXIMUM "A" DIMENSION	1200 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.101 inches
OVERALL THICKNESS	0.130 inches
ASPECT RATIO	1.85 : 1
AVAILABLE ALLOYS	Stainless, Bronze, Brass, Copper



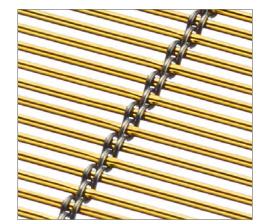






M13Z-247

MESH CATEGORY	Fine
PERCENT OPEN AREA	51.0%
WEIGHT	1.12 lbs/sq ft
CRIMP STYLE	PS3PZ
MAXIMUM "A" DIMENSION	1200 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.126 inches
OVERALL THICKNESS	0.135 inches
ASPECT RATIO	8.47:1
AVAILABLE ALLOYS	Stainless, Bronze, Brass



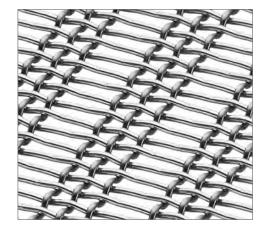






M13Z-293

MESH CATEGORY	Fine
PERCENT OPEN AREA	43.5%
WEIGHT	1.18 lbs/sq ft
CRIMP STYLE	TSPLZ
MAXIMUM "A" DIMENSION	1200 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.071 inches
OVERALL THICKNESS	0.112 inches
ASPECT RATIO	6.00 : 1
AVAILABLE ALLOYS	Stainless, Bronze, Brass

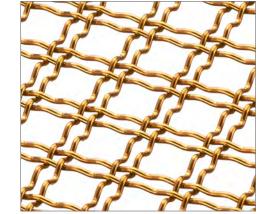








MESH CATEGORY	Fine
PERCENT OPEN AREA	64.5%
WEIGHT	0.85 lbs/sq ft
CRIMP STYLE	2P2P
MAXIMUM "A" DIMENSION	1800 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.417 inches
OVERALL THICKNESS	0.138 inches
ASPECT RATIO	1.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv



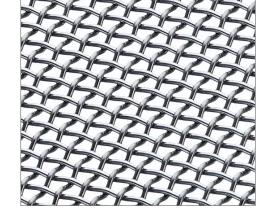






P-97

MESH CATEGORY	Fine
PERCENT OPEN AREA	45.0%
WEIGHT	1.04 lbs/sq ft
CRIMP STYLE	PLPL
MAXIMUM "A" DIMENSION	1200 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.096 inches
OVERALL THICKNESS	0.102 inches
ASPECT RATIO	1.00:1
AVAILABLE ALLOYS	Stainless, Bronze, Brass, Coppe



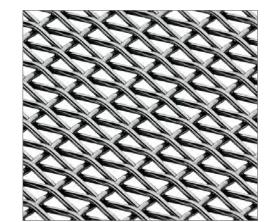






PZ-7

MESH CATEGORY Fine PERCENT OPEN AREA 38.0% WEIGHT 1.22 lbs/sq ft CRIMP STYLE PLPLZ MAXIMUM "A" DIMENSION 120 inches MAXIMUM "B" DIMENSION 72 inches OPENING LIMITATION 0.056 inches OVERALL THICKNESS 0.125 inches ASPECT RATIO 2.71:1 AVAILABLE ALLOYS Stainless		
WEIGHT 1.22 lbs/sq ft CRIMP STYLE PLPLZ MAXIMUM "A" DIMENSION 120 inches MAXIMUM "B" DIMENSION 72 inches OPENING LIMITATION 0.056 inches OVERALL THICKNESS 0.125 inches ASPECT RATIO 2.71:1	MESH CATEGORY	Fine
CRIMP STYLE PLPLZ MAXIMUM "A" DIMENSION 120 inches MAXIMUM "B" DIMENSION 72 inches OPENING LIMITATION 0.056 inches OVERALL THICKNESS 0.125 inches ASPECT RATIO 2.71:1	PERCENT OPEN AREA	38.0%
MAXIMUM "A" DIMENSION 120 inches MAXIMUM "B" DIMENSION 72 inches OPENING LIMITATION 0.056 inches OVERALL THICKNESS 0.125 inches ASPECT RATIO 2.71:1	WEIGHT	1.22 lbs/sq ft
MAXIMUM "B" DIMENSION 72 inches OPENING LIMITATION 0.056 inches OVERALL THICKNESS 0.125 inches ASPECT RATIO 2.71:1	CRIMP STYLE	PLPLZ
OPENING LIMITATION 0.056 inches OVERALL THICKNESS 0.125 inches ASPECT RATIO 2.71:1	MAXIMUM "A" DIMENSION	120 inches
OVERALL THICKNESS 0.125 inches ASPECT RATIO 2.71 : 1	MAXIMUM "B" DIMENSION	72 inches
ASPECT RATIO 2.71:1	OPENING LIMITATION	0.056 inches
	OVERALL THICKNESS	0.125 inches
AVAILABLE ALLOYS Stainless	ASPECT RATIO	2.71:1
	AVAILABLE ALLOYS	Stainless



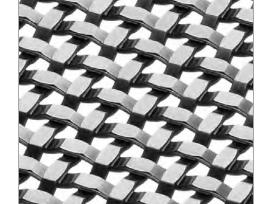






S-12

MESH CATEGORY	Fine
PERCENT OPEN AREA	21.6%
WEIGHT	2.05 lbs/sq ft
CRIMP STYLE	E1E1
MAXIMUM "A" DIMENSION	120 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.150 inches
OVERALL THICKNESS	0.105 inches
ASPECT RATIO	1.00:1
AVAILABLE ALLOYS	Stainless, Mild Steel



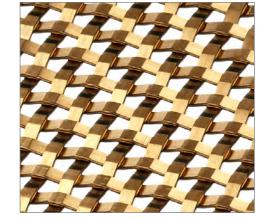








MESH CATEGORY	Fine
PERCENT OPEN AREA	25.3%
WEIGHT	1.78 lbs/sq ft
CRIMP STYLE	E1E1
MAXIMUM "A" DIMENSION	240 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.125 inches
OVERALL THICKNESS	0.080 inches
ASPECT RATIO	1.00:1
AVAILABLE ALLOYS	Bronze, Brass, Copper



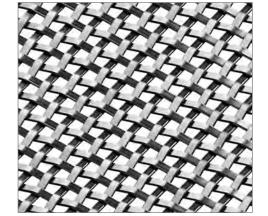






S-32

MESH CATEGORY	Fine
PERCENT OPEN AREA	25.0%
WEIGHT	1.30 lbs/sq ft
CRIMP STYLE	E1E1
MAXIMUM "A" DIMENSION	144 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.108 inches
OVERALL THICKNESS	0.063 inches
ASPECT RATIO	1.00:1
AVAILABLE ALLOYS	Stainless, Bronze, Brass











MESH CATEGORY	Fine
PERCENT OPEN AREA	27.3%
WEIGHT	2.49 lbs/sq ft
CRIMP STYLE	E3E1Z
MAXIMUM "A" DIMENSION	1200 inches
MAXIMUM "B" DIMENSION	120 inches
OPENING LIMITATION	0.095 inches
OVERALL THICKNESS	0.130 inches
ASPECT RATIO	3.00:1
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Brass, Bronze, Copper



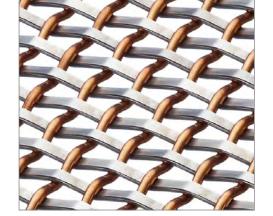








MESH CATEGORY	Fine
PERCENT OPEN AREA	41.1%
WEIGHT	1.63 lbs/sq ft
CRIMP STYLE	E1PLZ
MAXIMUM "A" DIMENSION	120 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.156 inches
OVERALL THICKNESS	0.140 inches
ASPECT RATIO	1.27 : 1
AVAILABLE ALLOYS	Stainless, Bronze, Brass, Copper









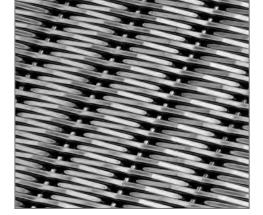
OPAQUE







MESH CATEGORY	Opaque
PERCENT OPEN AREA	0.0%
WEIGHT	2.20 lbs/sq ft
CRIMP STYLE	PDFTZ
MUM "A" DIMENSION	120 inches
MUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.0 inches
OVERALL THICKNESS	0.195 inches
ASPECT RATIO	10.45 : 1
AVAILABLE ALLOYS	Stainless, Bronze, Brass



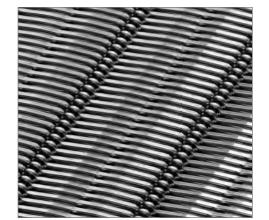








MESH CATEGORY	Opaque (special)
PERCENT OPEN AREA	0.0% (Area opens at angle)
WEIGHT	2.30 lbs/sq ft
CRIMP STYLE	PDFTZ
MAXIMUM "A" DIMENSION	120 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.058 inches
OVERALL THICKNESS	0.216 inches
ASPECT RATIO	11.08 : 1
AVAILABLE ALLOYS	Stainless, Bronze, Brass



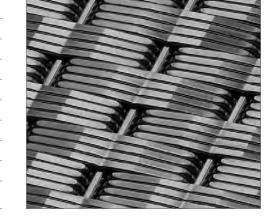








MESH CATEGORY	Opaque
PERCENT OPEN AREA	0.0%
WEIGHT	2.20 lbs/sq ft
CRIMP STYLE	PD4FZ
MAXIMUM "A" DIMENSION	120 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.0 inches
OVERALL THICKNESS	0.195 inches
ASPECT RATIO	2.29:1
AVAILABLE ALLOYS	Stainless, Bronze, Brass

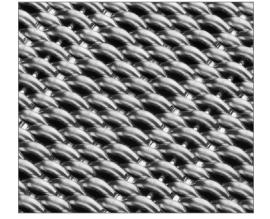








MESH CATEGORY	Opaque
PERCENT OPEN AREA	0.035%
WEIGHT	2.23 lbs/sq ft
CRIMP STYLE	PDI7Z
MAXIMUM "A" DIMENSION	144 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.0 inches
OVERALL THICKNESS	0.150 inches
ASPECT RATIO	13.91 : 1
AVAILABLE ALLOYS	Stainless, Bronze, Brass



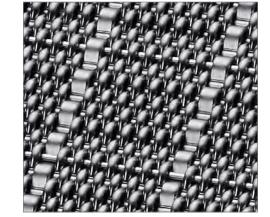








MESH CATEGORY	Opaque
PERCENT OPEN AREA	0.035%
WEIGHT	2.27 lbs/sq ft
CRIMP STYLE	PDI7Z
MAXIMUM "A" DIMENSION	144 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.0 inches
OVERALL THICKNESS	0.175 inches
ASPECT RATIO	1.09:1
AVAILABLE ALLOYS	Stainless, Bronze, Brass



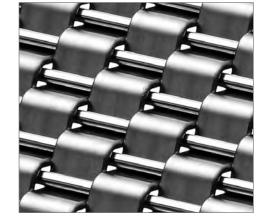




DS-1

steel

MESH CATEGORY	Opaque
PERCENT OPEN AREA	0.0%
WEIGHT	3.75 lbs/sq ft
CRIMP STYLE	PDPLZ
MAXIMUM "A" DIMENSION	120 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	O.O inches
OVERALL THICKNESS	0.217 inches
ASPECT RATIO	1.50 : 1
AVAILABLE ALLOYS	Stainless, Bronze, Brass

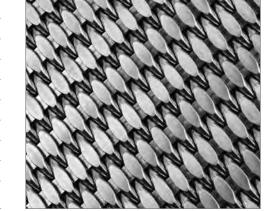








MESH CATEGORY	Opaque
PERCENT OPEN AREA	0.0%
WEIGHT	3.25 lbs/sq ft
CRIMP STYLE	PDE1Z
MAXIMUM "A" DIMENSION	120 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.0 inches
OVERALL THICKNESS	0.123 inches
ASPECT RATIO	1.95 : 1
AVAILABLE ALLOYS	Stainless

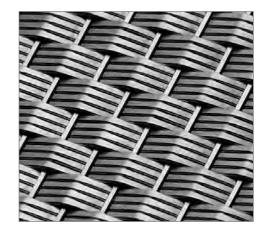








MESH CATEGORY	Opaque
PERCENT OPEN AREA	0.0%
WEIGHT	1.85 lbs/sq ft
CRIMP STYLE	PD4PZ
MAXIMUM "A" DIMENSION	120 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	0.0 inches
OVERALL THICKNESS	0.105 inches
ASPECT RATIO	1.07 : 1
AVAILABLE ALLOYS	Stainless



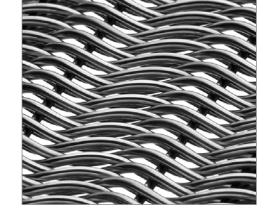






M21Z-5

MESH CATEGORY	Opaque
PERCENT OPEN AREA	0.0 %
WEIGHT	3.70 lbs/sq ft
CRIMP STYLE	2DH3Z
MAXIMUM "A" DIMENSION	144 inches
MAXIMUM "B" DIMENSION	72 inches
OPENING LIMITATION	O.O inches
OVERALL THICKNESS	0.315 inches
ASPECT RATIO	23.00 : 1
AVAILABLE ALLOYS	Stainless, Mild Steel, Bronze, Brass











MOUNTING

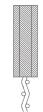


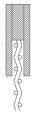






VERSATILE SPINE





Spine and cover thickness may vary dues to wire diameter. Center spine design may vary to accommodate different weave styles, spacings,

Our Versatile Spine is a modern alternative to traditional framing strategies. Thin, strong, customizable, and created to work well with glass mounting strategies, the Versatile Spine frame can be designed to nearly any attachment or aesthetic requirements. Utilizing a three-layer laminate system, the wire mesh is welded to the center spine then sandwiched by two outer veneer covers. Typical starting widths are one inch with a thickness comparable to that of half-inch glass. The Versatile Spine frame width and shape can be modified to suit nearly any



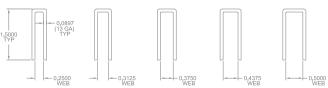
Iftode Universal







CD U-EDGE



The CD U-Edge wire mesh framing material is a cost effective solution for providing a strong, finished look to any wire mesh perimeter. The clean and defined square edge, 13 gauge, 1.5 inch construction is easy to work with and offers strength when you most need it. We offer completely fabricated U-Edge panels, or we can supply individual sticks of U-Edge for you to

length is 120 inches.

fabricate on your own.

Available in both T304 and T316 Stainless Steel or Plain Steel (HRPO). Various web dimensions are available to suit the wire mesh overall thickness. A standard







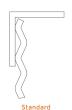




ANGLE IRON







A traditional and fundamental structural shape, Angle Iron is an effective way to frame wire mesh. Many different profiles can be utilized and combined together to create a strong interface for mounting. There are three main constructions, each providing a unique aesthetic — Standard, Wrapped, and Bar+Angle. The Standard Angle Iron construction, a cost-effective method, simply welds the wire mesh to the back side of the angle. The softer appearance of the Wrapped method minimizes the heavy look of the Angle Iron frame. For Bar+Angle, mesh is placed between a bar and

angle, providing a finished look on both the front and back side.







APPLICATIONS

















