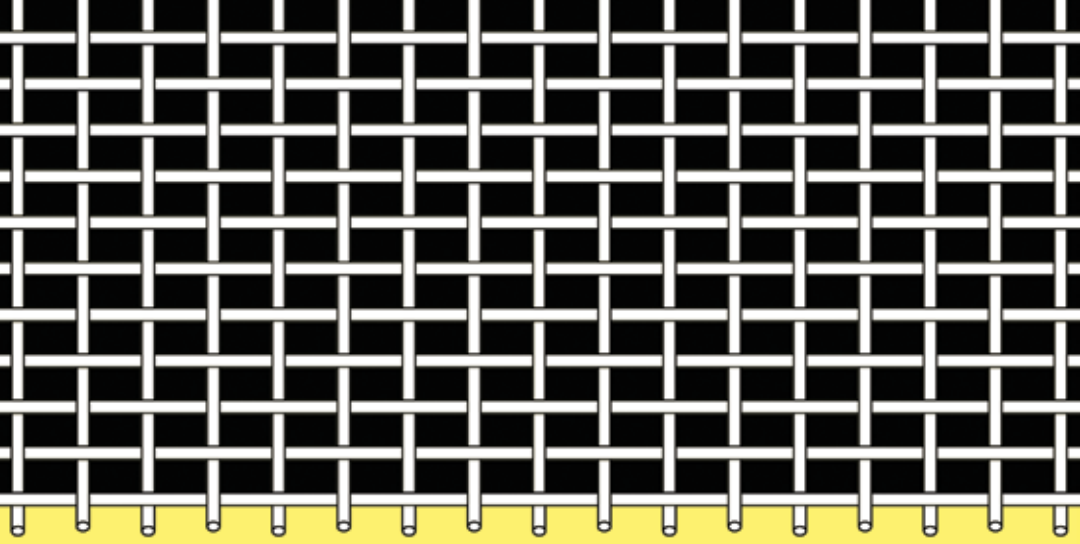
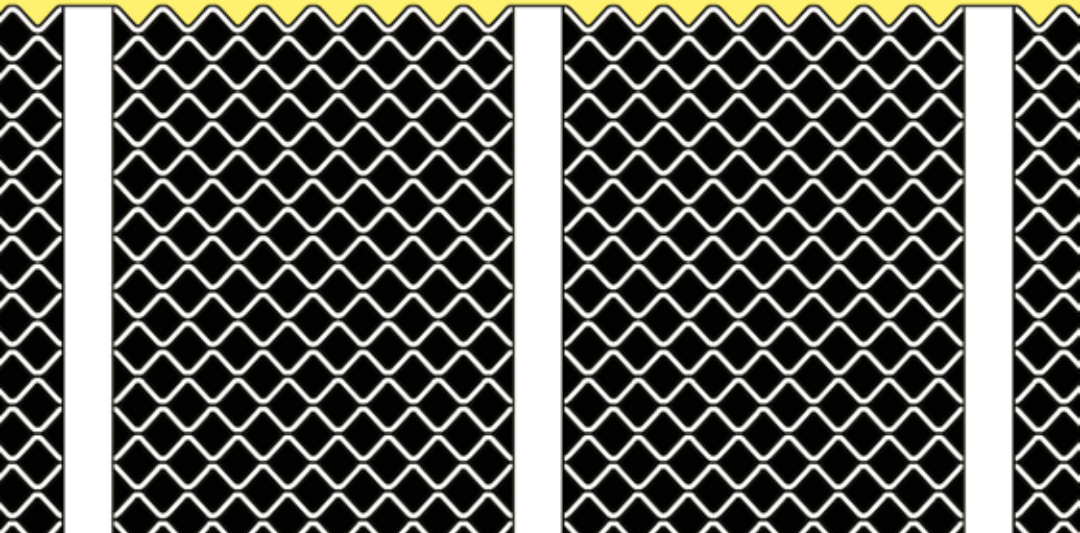


Midwestern® INDUSTRIES, INC.

Industrial Wire Cloth



HEADQUARTERS | P.O. BOX 810 | MASSILLON, OH 44648-0810 | P: 330-837-4203 | F: 330-837-4210

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MASSILLON, OHIO

MACON, GEORGIA

Midwestern has been a leader in the screening industry for over 65 years. With a strong commitment to quality and service, as well as a staff of dedicated, knowledgeable employees, Midwestern Industries continues to forge ahead with innovative screening solutions. As a designer and manufacturer of screening and sizing equipment, circular and rectangular vibrating machines, as well as replacement screens and parts, we believe in servicing all your screening needs.

Through the years, Midwestern Industries has become known in the screening industry as “The Sizing People”. As a result of working with hundreds of processing industries, we have become proficient in developing screening equipment and products for handling coarse, fine, wet and dry materials.

As technology advances, Midwestern Industries continues to invest in the future. With product enhancements and equipment upgrades, our goal is to meet – and exceed all of our customer’s expectations.

Midwestern Industries – Proud of our people, proud of our products.

American Owned,
American Made

Midwestern Industries has a long-standing tradition of servicing the screening industry through innovative and customized screening solutions. Evaluating our customer's needs then applying the appropriate application has been the recipe for success since founder (the late) Vern Riesbeck started the company in 1953.

Mr. Riesbeck, an electrician, formed the company by supplying the aggregate industry with one product – screen heating transformers – an electrical transformer that applies a low-voltage current to screens to eliminate blinding from wet or damp materials. Midwestern Industries continues to solve blinding by heating as well as developing many other innovations widely used in a variety of screening applications. Today, Midwestern Industries designs and manufactures an array of products from round and rectangular screening equipment to replacement screens and parts.

Following his passing in 1995, Mr. Riesbeck's corporate succession plan allowed Midwestern Industries to continue as 100 percent employee owned. With a strong commitment to quality and service, as well as a staff of dedicated, knowledgeable employees, Midwestern Industries will continue to fulfill Mr. Riesbeck's dream of being a leader in the screening industry.

Table of Contents

HOW TO ORDER

Aggregate Screens and Industrial Wire Cloth

In order to eliminate costly errors and delays, include the information listed below when ordering any woven mesh, not including KLEAR-SCREENS. For information on how to order KLEAR-SCREENS, please refer to pages 16-18 and contact the Midwestern sales team (see back cover) for further instructions.

1. **QUANTITY:** Number of pieces or rolls.
2. **WIDTH:** Expressed in inches or fractions thereof.
3. **LENGTH:** Specify rolls or cut lengths in footage and/or inches.
4. **OPENING OR MESH:**
   A. Opening - Specify fractional or decimal space required.
   B. Mesh - Specify number of openings, counting from center of any wire to a point one inch distant.
5. **WIRE SIZE:** Expressed in decimals of an inch or Ind. Wire Gauge Number, or mm.
6. **TYPE OF MATERIAL:** Specify type of wire cloth: H/C, O/T, or S/S.
7. **PREFORMED SCREENS FOR MOUNTING IN VIBRATING OR SIZING MACHINES**
   In addition to the above, the following information is required if the screen is preformed for mounting in machines:
   A. **Machine Type** - Specify make of machine, serial number, model number, and size.
   B. **Type Hooks** - Specify the type of hooked edges as well as the material of the hook.
   C. **Finished Dimensions** - Specify dimensions from outside of one hook to the outside of the opposite hook. Also, the overall length.

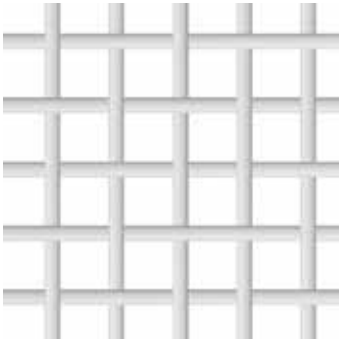
SUGGESTIONS FOR ORDERING FORMED EDGES AND HOOK TYPES

Specify type of hook, plain or reinforced (page 8). Give accurate outside dimension. Measure from outside of one hook to outside of opposite hook as illustrated on page 7.

Proper installation requires that vibrating screen sections must be kept under proper tension. When installing a new screen, make sure that nose of tension bar is seated properly in hook. Midwestern recommends checking the screen compression after one shift of operation. Additional retensioning may be required.

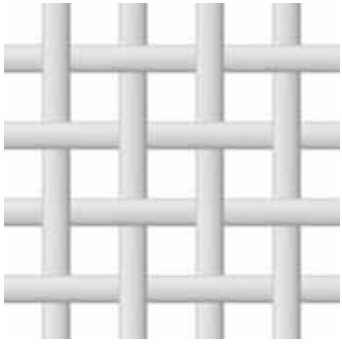
SELECTION OF PROPER SCREEN

Figure 1



1/4" Opening
3 x 3 Mesh
.080" Dia. Wire

Figure 2

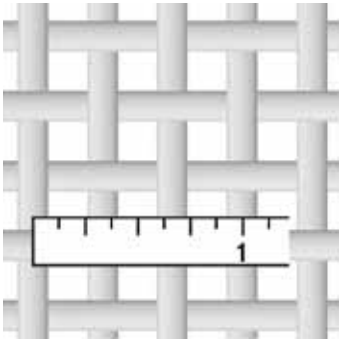


1/4" Opening
2-1/2 x 2-1/2 Mesh
.148" Dia. Wire

Selection of wire cloth with the proper screening capacity cannot be over stressed. Screens may have the same opening (space between parallel wires) but also have different meshes and wire sizes. In the illustrations above, Figure 1 has 57.4% open area and Figure 2 has 39.4% open area.

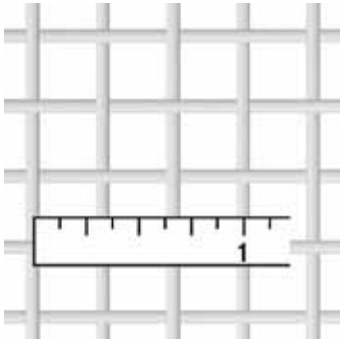
Screens of the same mesh count may have different size openings and wire sizes. As illustrated below, please note how the wire size is the determining factor of the clear opening. When ordering wire cloth by mesh count, be sure to specify wire size or decimal opening required.

Figure 3



3 Mesh
.148" Wire
30.8% Open Area

Figure 4



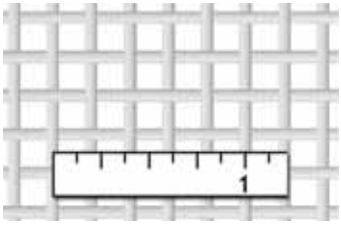
3 Mesh
.063" Wire
65.6% Open Area

DEFINITION OF MESH AND SPACE

Mesh

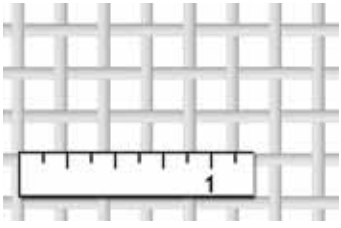
"Mesh" designates the number of openings and fractional parts of an opening per lineal inch. To determine the mesh, count the number of openings from the center of any one wire to the center of a parallel wire, one-inch in distance. When the point that is an inch distant from the center of the wire falls between wires, the mesh count is expressed in fractions. When two parallel wires are on centers of 5/8", 3/4", etc., they can be expressed as 5/8", 3/4" mesh, etc.

Figure 1



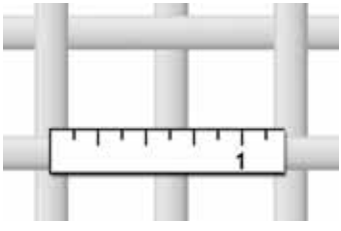
5 x 5 Mesh .063" Dia.

Figure 2



4-1/2 x 4-1/2 Mesh .063" Dia.

Figure 3

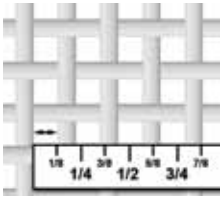


5/8" Mesh .177" Dia.

Space

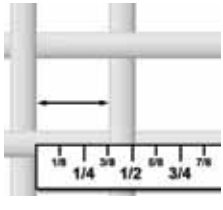
"Space" is the actual "clear opening" or space between inside edges of two parallel wires. The terms "Mesh" and "Space" should be carefully differentiated. Reference figures 1-3 for examples of "Mesh" and figures 4-6 for "Space".

Figure 4



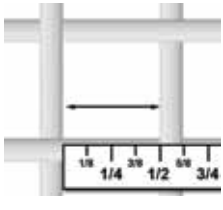
1/8" Space
.092" Dia.

Figure 5



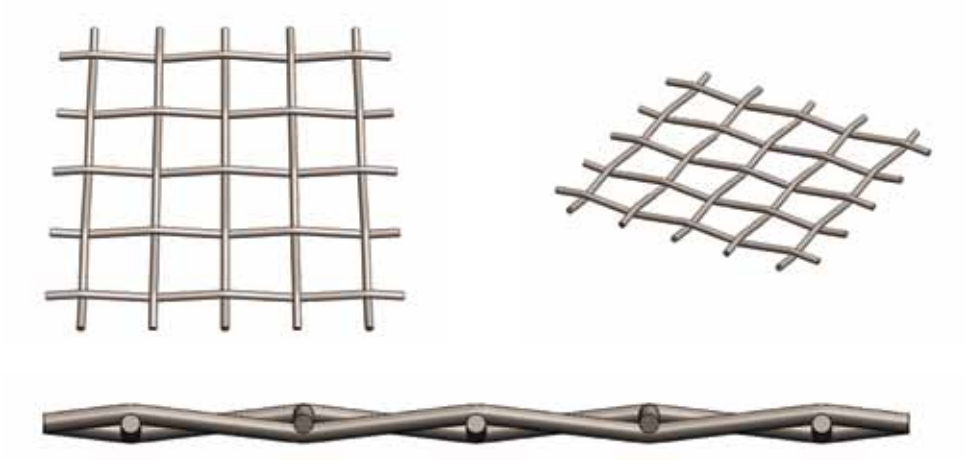
3/8" Space
.135" Dia.

Figure 6



1/2" Space
.120" Dia.

WEAVES

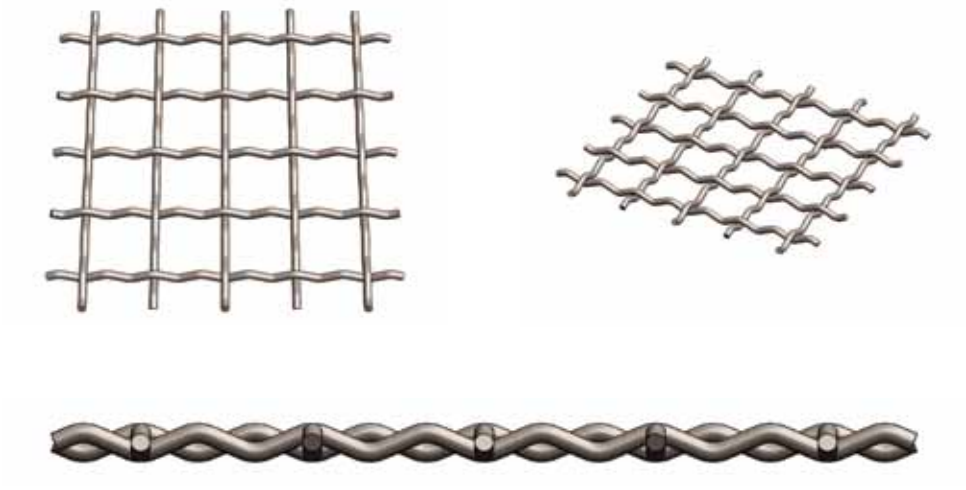


Double Weave (Plain Weave)

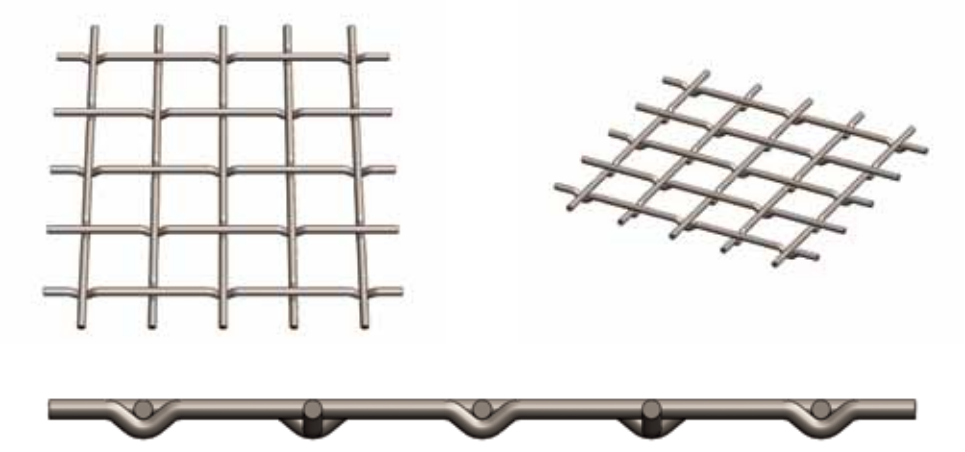
This weave is used for general screening operations in small and intermediate size openings from 5/8” and smaller.

Intermediate Crimp (Intercrimp Weave)

This weave provides efficient screening where the openings are large in relation to the wire size.



WEAVES

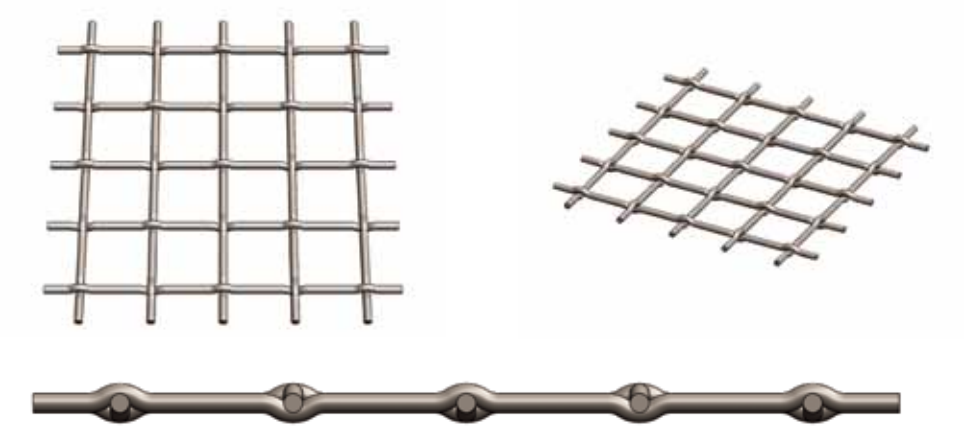


Flat Top Weave

Crimps are all on underside of screen. Provides a smooth, flat surface on top. Designed for longer wear life. This weave offers less resistance to the flow of material, thereby providing more wearing surface. This weave is generally utilized for openings of 3/4” and larger.

Scalping Weave

Deep crimps lock wires in place. Recommended for heavy-duty screening. This weave creates a choking action to prevent carry over of material and is used on heavy load applications.



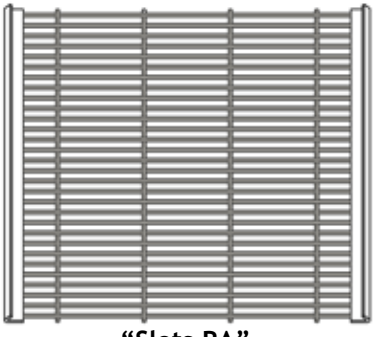
SLOTTED OPENINGS

The use of slotted opening screens provides maximum open area and tends to prevent blinding or plugging of material (damp or sticky material does not build up on the longer openings). The smaller dimension controls the sizing of material.

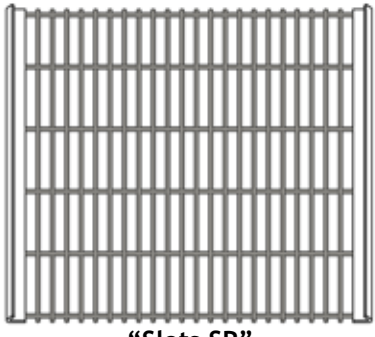
Experience is the determining factor for combining wire diameter, size of opening, and type of slot. The particular application and length of slot may determine the number of shoot wires.

We would suggest experimenting with a small trial order before ordering a large quantity.

Slot Direction



“Slots RA”



“Slots SP”

If screens have slotted openings, direction of the slot should be specified in relation to the hook strips (see illustration above). Slots “RA” indicate slots right angle to hook strips. Slots “SP” indicate slots parallel to hook strips.

Single Shoot

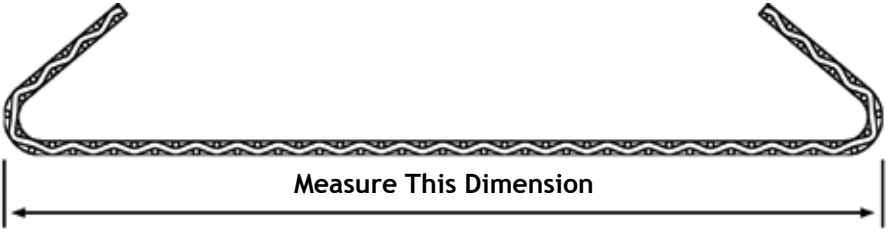
Triple Shoot

Please consult with a Midwestern Industries screening professional for a wide selection of available opening and slot length combinations.

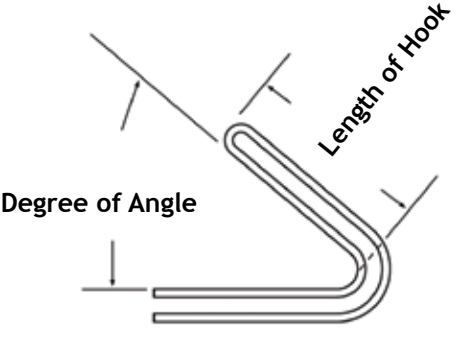
SUGGESTIONS FOR ORDERING FORMED EDGES AND HOOK TYPES

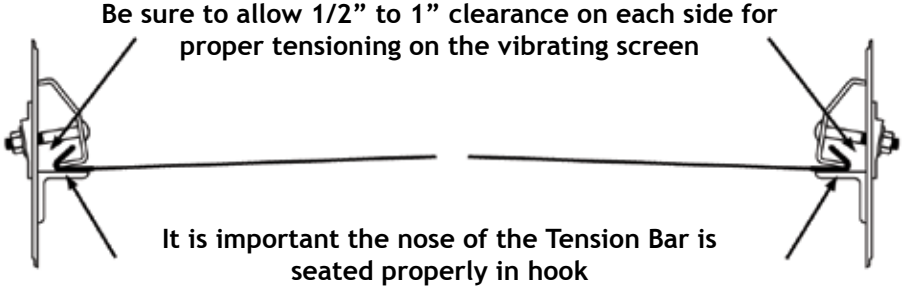
1. Specify type of hook, plain or reinforced (See next page).

2. Give accurate outside dimension. Measure from outside of one hook to the outside of the opposite hook as illustrated below.



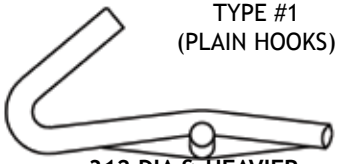
3. Specify angle and length of hook as shown in drawing





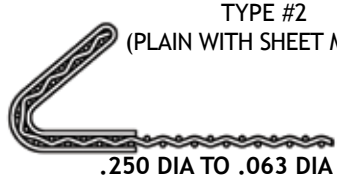
Proper installation requires that vibrating screen sections must be kept under proper tension. When installing a new screen, make sure that nose of tension bar is seated properly in hook. Midwestern recommends checking the screen compression after one shift of operation. Additional retensioning may be required.

TENSION HOOK TYPES



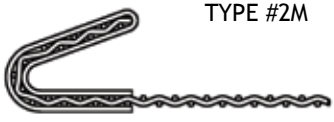
TYPE #1
(PLAIN HOOKS)

.312 DIA & HEAVIER

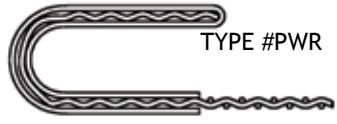


TYPE #2
(PLAIN WITH SHEET METAL)

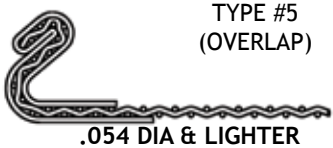
.250 DIA TO .063 DIA



TYPE #2M

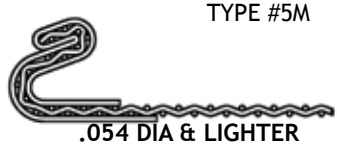


TYPE #PWR



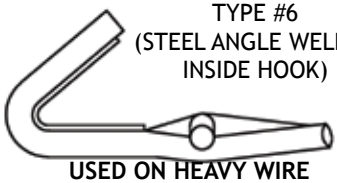
TYPE #5
(OVERLAP)

.054 DIA & LIGHTER



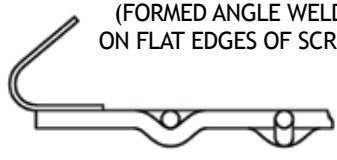
TYPE #5M

.054 DIA & LIGHTER

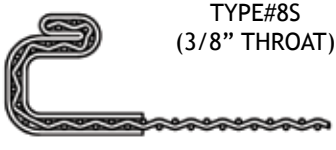


TYPE #6
(STEEL ANGLE WELDED
INSIDE HOOK)

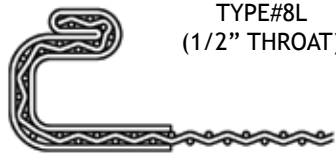
USED ON HEAVY WIRE
.312 & HEAVIER



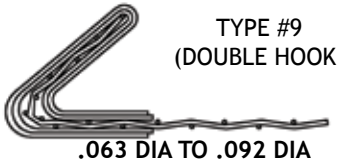
TYPE #7
(FORMED ANGLE WELDED
ON FLAT EDGES OF SCREENS



TYPE#8S
(3/8" THROAT)

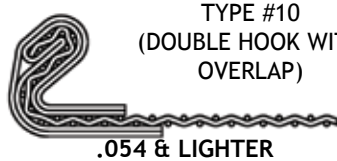


TYPE#8L
(1/2" THROAT)



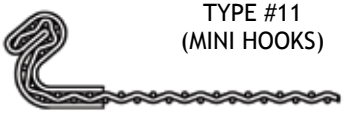
TYPE #9
(DOUBLE HOOK)

.063 DIA TO .092 DIA



TYPE #10
(DOUBLE HOOK WITH
OVERLAP)

.054 & LIGHTER

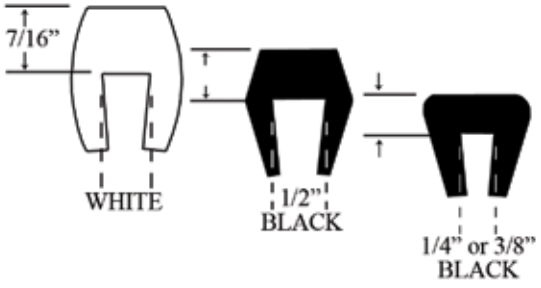


TYPE #11
(MINI HOOKS)

Note: For hook types not shown above, consult sales department. Almost any type of hook can be supplied.

CROWN BAR RUBBER

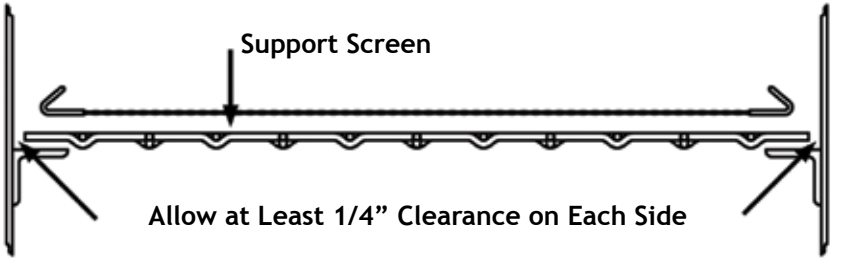
Also known as bucker rubber or channel rubber



Midwestern's full range of products includes three types of crown bar rubber, in stock, ready for immediate shipment or emergency pick-up. All Midwestern crown bar rubber is nonconductive and compatible with any brand of electrical screen heating.

Crown bar rubber slips over the longitudinal crown bars on the vibrating screen and prevents the screen cloth from wearing against the crown bars. A large number of screen cloth failures are caused by the absence of crown bar rubber to support the screen.

SUPPORT SCREENS



Support Screens (sometimes referred to as Backing Screens) are used underneath small opening screen cloth to prevent sagging and subsequent splitting. These screens are constructed with a FLAT TOP weave to provide a smooth supporting surface.

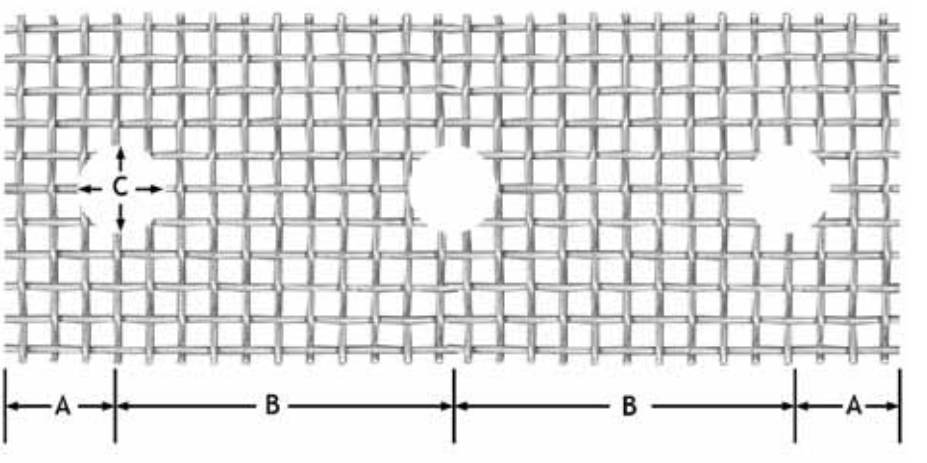
As illustrated in the drawing, allow ample clearance between the vibrator box and screen when ordering.

PUNCHING FOR CENTER "HOLD DOWN" BARS

Some makes of screening machines require special punching for center hold down bars. Punching can be done with greater accuracy on our specially designed punching machinery.

When ordering cloth for these machines, specify the dimensions as illustrated below:

A. Dimension from each end of screen to center of first hole.
B. Center to center measurement between remaining holes.
C. Diameter of hole.



WIRE GAUGE

Wire cloth is woven with wires of various diameters or thicknesses. These measurements are expressed in gauge numbers, inches, or millimeters. All specifications listed in this catalog are Ind. W.C. Standard.

As illustrated above, a Micrometer is used to determine diameter of wire. When you are in doubt about wire size or gauge, the safest and surest procedure is to submit a sample of the wire cloth desired and indicate its ultimate use.

PERCENT OF OPEN AREA

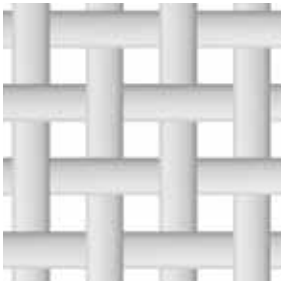
A definitive relationship exists between open area, rapidity of screening, and the life of the screen. A larger diameter wire will increase the life of the screen. It will also cut down on the open area and give you slower screening. In a fast moving industry, this may be false economy.

A small diameter wire will give you greater open area, greater tonnage; but also shorter screen life.

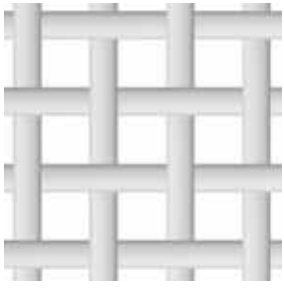
Between these two poles stands a medium diameter wire. You may find its shorter life will be compensated for by the greater tonnage that will pass.

Nothing lasts forever, and our screens are no exception. For your satisfaction and our reputation, we suggest that on balance it is most economical to use a medium diameter wire that will give you proportionately a large open area. However, for greater tonnage or rapid screening, a lighter wire should be used. Screen life is thereby sacrificed for the more important consideration of tonnage.

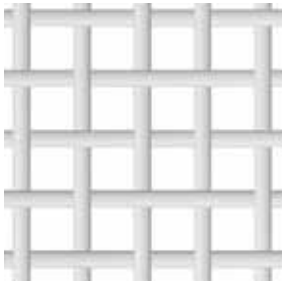
The drawings below illustrate the relationship between open area, wire gauge, speed of screening, length, and the working life of the screen. All three screens have the same opening (space between edges of wire), but the percentage of open area relative to the total area varies from one to the other.



25% Open Area



37% Open Area



44% Open Area

slower screening
longer working life

faster screening
shorter working life

fastest screening
shortest working life

KLEAR-SCREENS

Self-Cleaning Wire Screens

Available in three types of screen styles, Midwestern Industries KLEAR-SCREENS are individually manufactured to required size and specifications. Designed for Midwestern Industries screeners as well as most makes and models of screeners.

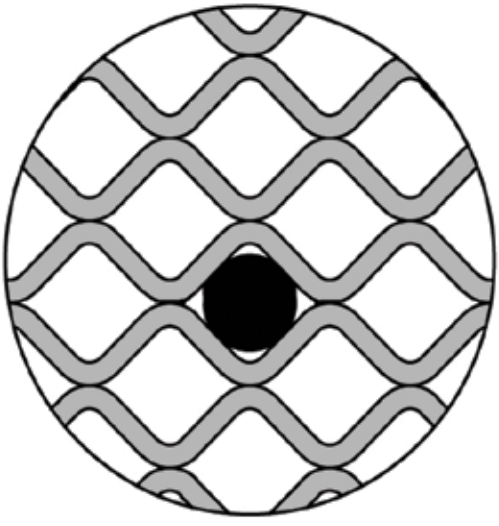
KLEAR-SCREEN
"S" STYLE

KLEAR-SCREEN
"M" STYLE

KLEAR-SCREEN
"W" STYLE

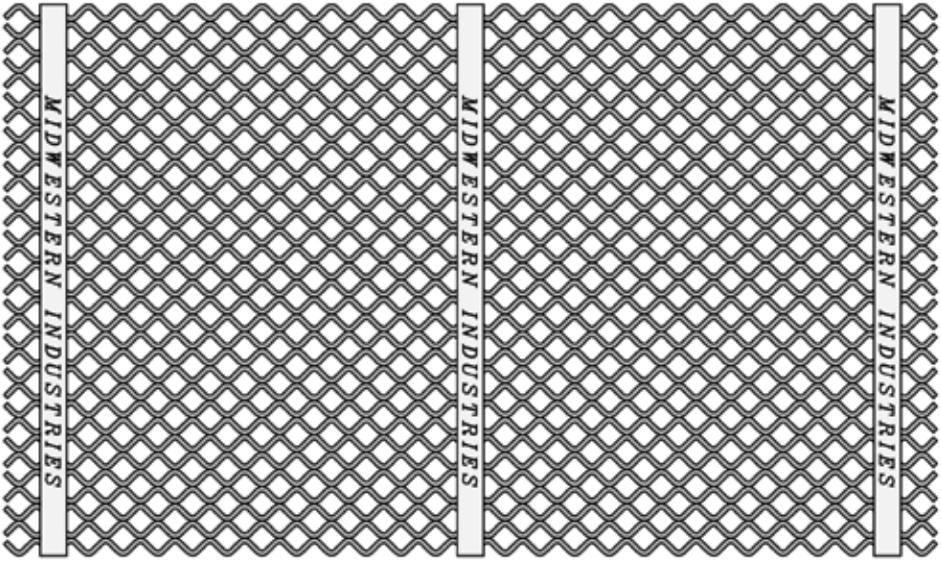
Midwestern Industries KLEAR-SCREENS can increase screening efficiency, increase screen life, and produce consistent product. They are designed to decrease cost per ton, can be utilized in most applications, and can be made to fit most units.

KLEAR-SCREENS



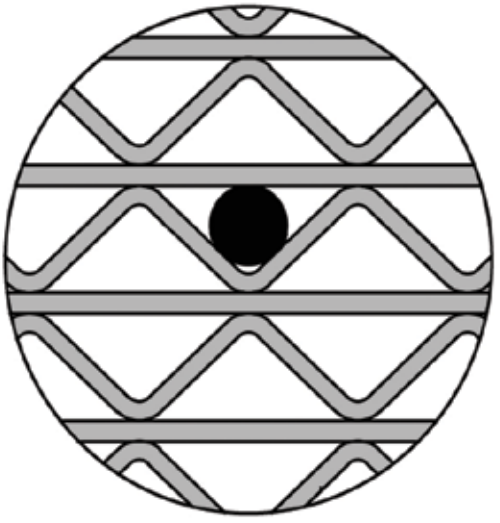
TYPE-S

The Type-S panels are ideal for applications with a high percentage of near-sized particles that often cause blinding in traditional woven mesh screens. This style of screen has a square opening and is measured the same as woven wire openings ranging from 1/8” to 1” and in a variety of wire sizes.



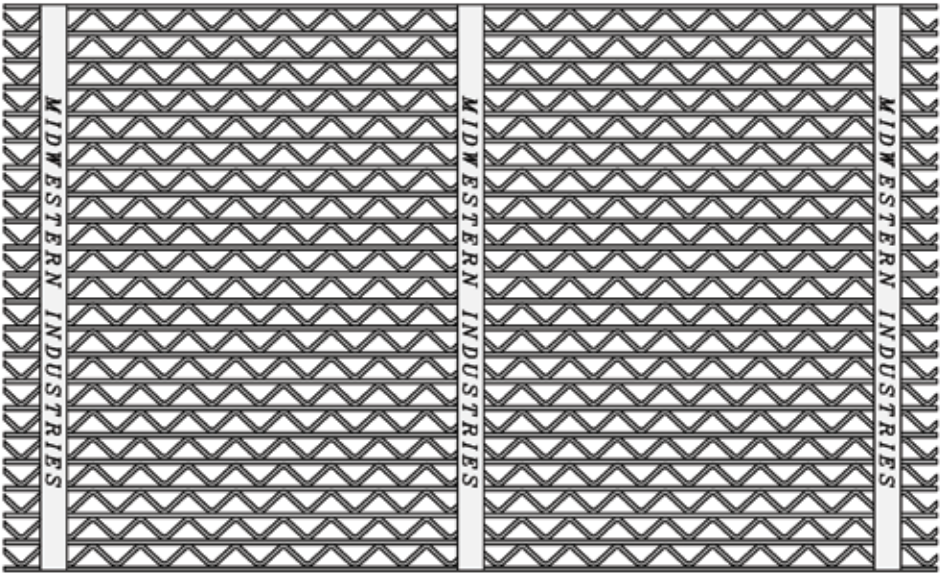
MIDWESTERN INDUSTRIES KLEAR SCREENS			
"S" STYLE			
OPENING	WIRE SIZE	% O.A.	KLEAR W.P.S.F
1/8"	0.047"	52.0	0.72
	0.054"	48.0	0.88
	0.063"	44.5	1.10
5/32"	0.054"	55.4	0.77
	0.063"	51.0	0.97
	0.072"	47.1	1.22
3/16"	0.054"	60.4	0.68
	0.063"	56.2	0.87
	0.072"	52.4	1.10
	0.080"	49.3	1.30
7/32"	0.063"	60.4	0.79
	0.072"	56.7	1.00
	0.080"	53.8	1.18
1/4"	0.063"	63.9	0.72
	0.072"	60.4	0.91
	0.080"	57.5	1.09
	0.092"	53.6	1.35
5/16"	0.072"	66.1	0.78
	0.080"	63.5	0.94
	0.092"	59.8	1.17
	0.105"	56.2	1.49
3/8"	0.080"	68.0	0.82
	0.092"	64.6	1.03
	0.105"	61.1	1.32
	0.120"	57.5	1.65
7/16"	0.092"	68.3	0.92
	0.105"	65.1	1.18
	0.120"	61.7	1.48
	0.135"	58.5	1.79
1/2"	0.105"	68.4	1.07
	0.120"	65.1	1.35
	0.135"	62.1	1.64
	0.148"	59.7	1.92
	0.162"	57.2	2.22
9/16"	0.120"	68.0	1.24
	0.135"	65.1	1.50
	0.148"	62.8	1.77
	0.162"	60.4	2.05
5/8"	0.120"	70.4	1.14
	0.135"	67.7	1.40
	0.148"	65.5	1.64
	0.162"	63.2	1.91
11/16"	0.148"	67.8	1.53
	0.162"	65.6	1.78
3/4"	0.162"	67.7	1.67
13/16"	0.162"	69.6	1.58
7/8"	0.162"	71.3	1.49
15/16"	0.162"	72.8	1.41
1"	0.162"	74.1	1.34

KLEAR-SCREENS



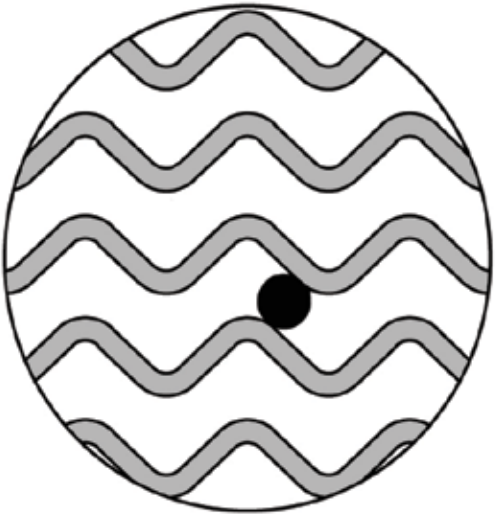
TYPE-M

The Type-M Panels are ideal for applications with high impact and heavier loading. This style is also great for smaller openings for fine material. The “M” style screen has a triangle opening which is obtained by alternating crimped and straight wires. The crimped and straight wires vibrate at different frequencies which practically eliminates blinding and optimizes throughput. It is available in openings ranging from 1/8” to 1” and in a variety of wire sizes.



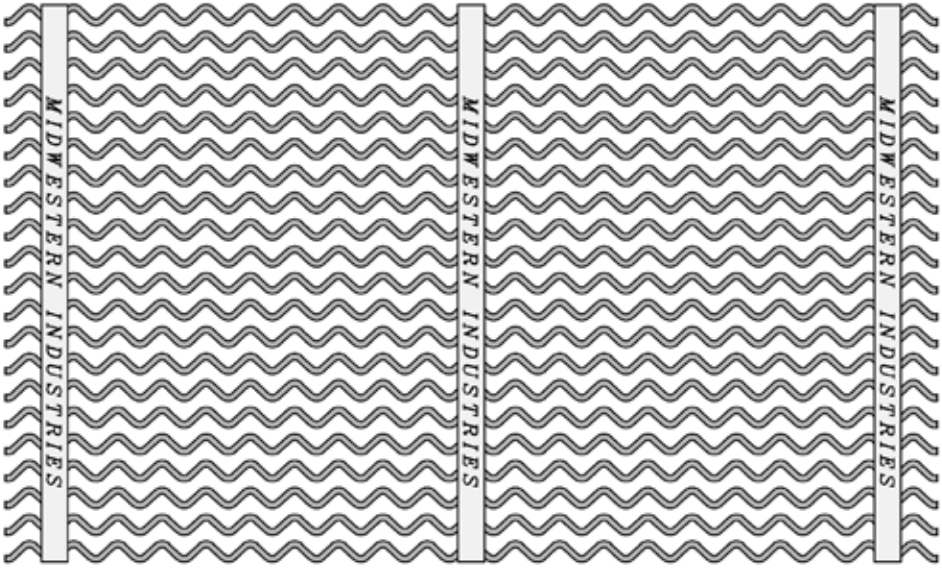
MIDWESTERN INDUSTRIES KLEAR SCREENS				
"M" STYLE				
OPENING	CRIMPED WIRE	STRAIGHT WIRE	% O.A.	KLEAR W.P.S.F
1/8"	0.047"	0.047"	53.4	0.72
	0.054"	0.054"	49.6	0.87
	0.063"	0.063"	45.3	1.09
5/32"	0.054"	0.054"	55.8	0.76
	0.063"	0.063"	51.5	0.96
	0.072"	0.072"	47.9	1.20
3/16"	0.054"	0.054"	60.6	0.68
	0.063"	0.063"	56.6	0.86
	0.072"	0.072"	53.0	1.08
	0.080"	0.080"	50.1	1.28
7/32"	0.063"	0.063"	60.8	0.78
	0.072"	0.072"	57.3	0.99
	0.080"	0.080"	54.5	1.17
1/4"	0.063"	0.063"	64.1	0.71
	0.072"	0.072"	60.8	0.90
	0.080"	0.080"	58.0	1.08
	0.092"	0.092"	54.3	1.33
5/16"	0.072"	0.072"	66.3	0.78
	0.080"	0.080"	63.8	0.93
	0.092"	0.092"	60.2	1.16
	0.105"	0.120"	53.7	1.62
3/8"	0.080"	0.080"	68.2	0.82
	0.092"	0.092"	64.9	1.02
	0.105"	0.120"	58.5	1.44
	0.120"	0.135"	55.6	1.76
7/16"	0.092"	0.092"	68.5	0.92
	0.105"	0.120"	62.5	1.30
	0.120"	0.135"	59.6	1.60
	0.135"	0.148"	57.0	1.89
1/2"	0.105"	0.120"	65.9	1.18
	0.120"	0.135"	63.1	1.46
	0.135"	0.148"	60.6	1.73
9/16"	0.120"	0.135"	66.0	1.34
	0.135"	0.148"	63.5	1.60
	0.148"	0.162"	61.4	1.86
5/8"	0.120"	0.135"	68.5	1.24
	0.135"	0.148"	66.2	1.48
	0.148"	0.162"	64.2	1.73
11/16"	0.148"	0.162"	66.6	1.61
	0.162"	0.177"	64.4	1.87
3/4"	0.162"	0.177"	66.3	1.77
13/16"	0.162"	0.177"	68.4	1.66
7/8"	0.162"	0.177"	69.9	1.58
15/16"	0.162"	0.177"	71.6	1.49
1"	0.162"	0.177"	72.9	1.42

KLEAR-SCREENS



TYPE-W

The Type-W panels are ideal for applications with a high percentage of fine material. The “W” style screen offers the largest percentage of open area in the KLEAR-SCREENS lineup. It utilizes a “W” shaped opening with all wires parallel to each other. It is available in openings ranging from 1/8” to 1” and in a variety of wire sizes.



MIDWESTERN INDUSTRIES KLEAR SCREENS			
"W" STYLE			
OPENING	WIRE SIZE	% O.A.	KLEAR W.P.S.F
1/8"	0.047"	75.0	0.38
	0.054"	72.7	0.47
	0.063"	70.2	0.59
5/32"	0.054"	76.4	0.41
	0.063"	73.8	0.52
	0.072"	71.7	0.65
3/16"	0.054"	79.2	0.36
	0.063"	76.8	0.46
	0.072"	74.6	0.59
	0.080"	72.9	0.69
7/32"	0.063"	79.2	0.41
	0.072"	77.1	0.53
	0.080"	75.4	0.63
1/4"	0.063"	81.2	0.37
	0.072"	79.2	0.48
	0.080"	77.6	0.57
	0.092"	75.3	0.72
5/16"	0.072"	82.4	0.41
	0.080"	80.9	0.49
	0.092"	78.8	0.62
	0.105"	76.8	0.79
3/8"	0.080"	83.4	0.42
	0.092"	81.5	0.54
	0.105"	79.6	0.69
	0.120"	77.6	0.87
7/16"	0.092"	83.6	0.48
	0.105"	81.8	0.62
	0.120"	79.9	0.78
	0.135"	78.1	0.95
1/2"	0.105"	83.6	0.56
	0.120"	81.8	0.71
	0.135"	80.1	0.86
9/16"	0.120"	83.4	0.64
	0.135"	81.8	0.79
	0.148"	80.4	0.93
5/8"	0.120"	84.7	0.59
	0.135"	83.2	0.73
	0.148"	82.0	0.86
11/16"	0.148"	83.0	0.81
	0.162"	81.7	0.95
3/4"	0.162"	83.1	0.87
13/16"	0.162"	84.0	0.83
7/8"	0.162"	85.1	0.77
15/16"	0.162"	85.7	0.74
1"	0.162"	86.6	0.69

KLEAR-SCREENS

MEASURING: SELF-CLEANING PANEL

If possible, measure the screener box and location of the support bars to ensure the KLEAR-SCREEN will fit into the unit and properly align with the support bars.

In cases where measuring the screener box and the support bars inside of the box is not possible, follow these steps to measure the screen panel:

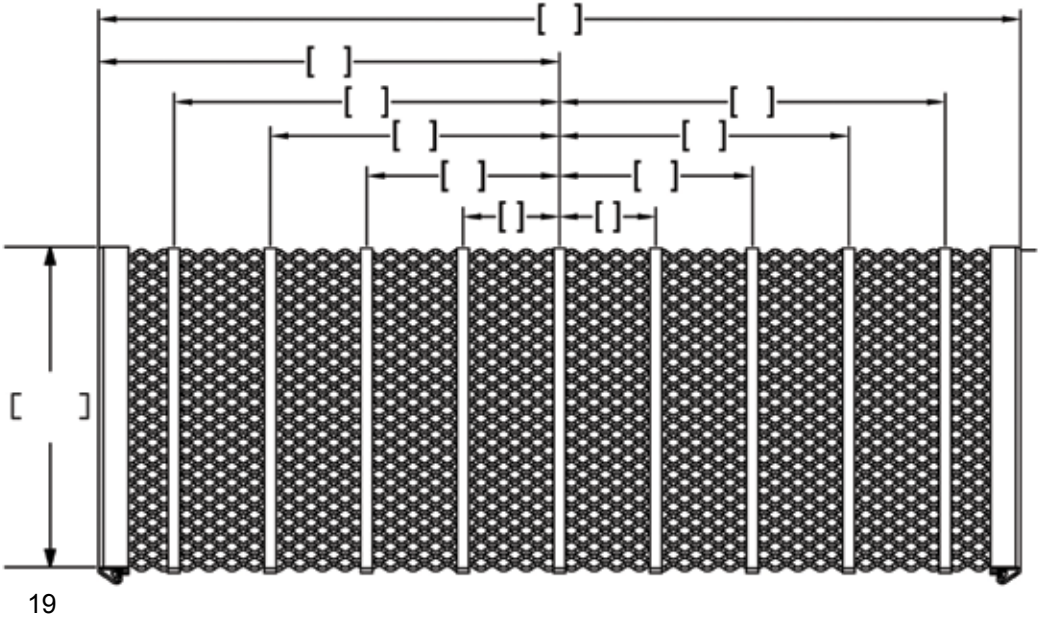
STEP 1: Measure the panel from the outside of one hook to the outside of the hook on the opposite end of the panel. (Make sure the panel is flat.)

STEP 2: Measure the length of the hook. (Note the hook type.)

STEP 3: Measure from the outside of one hook to the center of the screen panel. (In most cases there will be a polyurethane strip in the center or there will be two strips equal distance from the centerline.)

STEP 4: Measure from the centerline of the panel to the center of each strip. (It is important to measure from the centerline of the panel to the center of each strip to avoid compiling error.)

STEP 5: Measure the wire size and opening of the screen panel. (See the diagram for opening measurements and types.)



KLEAR-SCREENS

MEASURING: END-TENSIONED BOX

If possible, measure the screener box and location of the support bars to ensure the KLEAR-SCREEN will fit into the unit and properly align with the support bars.

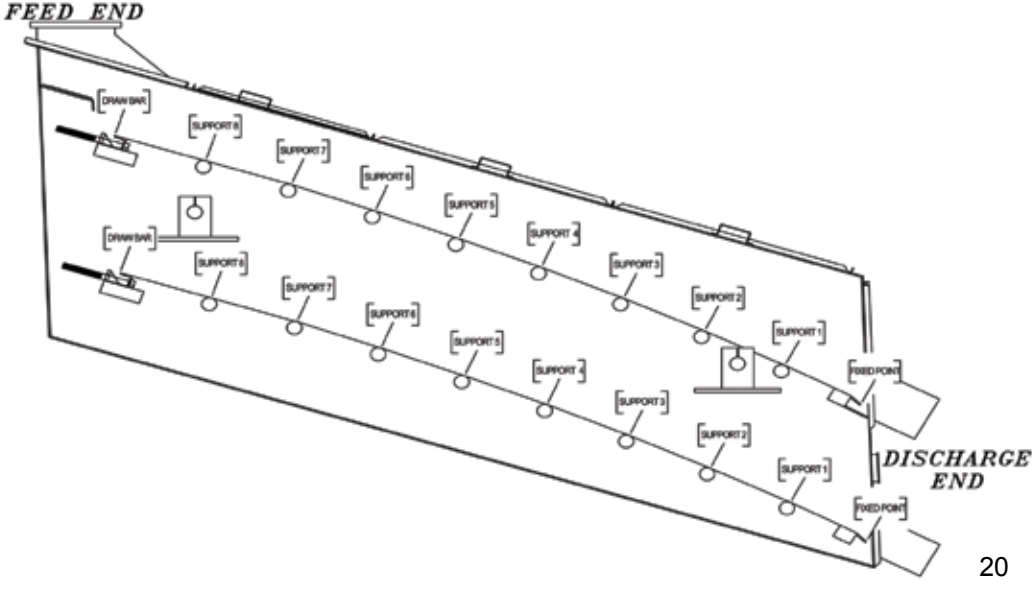
Follow these steps to properly measure an end-tensioned screener box:

STEP 1: Measure the length of the screener box, from the fixed point of the screener box to the draw bar/screen tensioner.

STEP 2: Measure the width of the screener box, from the inside of one side sheet to the inside of the side sheet on the opposite side of the box.

STEP 3: Measure from the fixed point in the screener box to the first support. Continue to measure from the fixed point to each of the screen supports until all support locations are measured. (Make sure to always measure from the fixed point, not from where the screen will be tensioned.)

STEP 4: Measure the wire size and opening of the screen panel. (See the diagrams on the previous pages for opening measurements and opening types.)



KLEAR-SCREENS

MEASURING: SIDE-TENSIONED BOX

If possible, measure the screener box and location of the support bars to ensure the KLEAR-SCREEN will fit into the unit and properly align with the support bars.

Folllow these steps to properly measure a side-tensioned screener box:

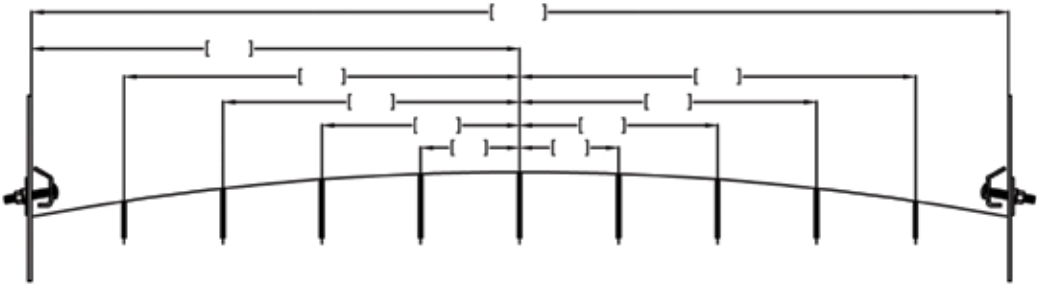
STEP 1: Measure the width of the screener box, from the inside of one side sheet to the inside of the side sheet on the opposite side of the screener.

STEP 2: Measure the length of a single siderail that is installed in the unit.

STEP 3: Measure from the inside of one side sheet to the center of the screen deck. (In most cases this will either land directly on a support or directly between two supports.)

STEP 4: Measure from the centerline of the screen deck to the center of each support. (It is important to measure from the center of the screen deck to the center of the supports to avoid compiling error.)

STEP 5: Measure the wire size and opening of the screen panel. (See the diagrams on the previous pages for opening measurements and opening types.)



CLEAR OPENING SCREENS

CLEAR OPENING SCREENS

Size of Opening	Diameter of Wires - Inches	Open Area	Grades	Weight, Lbs. per Sq. Ft.
4" Square Opening	1.000	64.0%	Heavy	13.06
	0.750	70.9%	Medium Heavy	7.68
	0.625	74.8%	Medium	5.46
	0.500	79.0%	Medium Light	3.58
	0.4375	81.3%		2.77
	0.375	83.6%		2.07
	0.3125	86.0%		1.45
3 ¾" Square Opening	1.000	62.3%	Heavy	13.77
	0.750	69.4%	Medium Heavy	8.11
	0.625	73.5%	Medium	5.77
	0.500	77.9%	Medium Light	3.79
	0.4375	80.2%		2.94
	0.375	82.6%		2.19
	0.3125	85.2%		1.54
3 ½" Square Opening	0.750	67.8%	Heavy	8.60
	0.625	72.0%	Medium Heavy	6.13
	0.500	76.6%	Medium	4.03
	0.4375	79.0%	Medium Light	3.13
	0.375	81.6%		2.33
	0.3125	84.3%		1.65
3 ¼" Square Opening	0.750	66.0%	Heavy	9.16
	0.625	70.3%	Medium Heavy	6.54
	0.500	75.0%	Medium	4.31
	0.4375	77.6%	Medium Light	3.35
	0.375	80.4%		2.50
	0.3125	83.2%		1.76
3" Square Opening	0.750	64.0%	Heavy	9.79
	0.625	68.5%	Medium Heavy	7.00
	0.500	73.5%	Medium	4.62
	0.4375	76.2%	Medium Light	3.59
	0.375	79.0%		2.68
	0.3125	82.0%		1.90
	0.250	85.2%		1.23

**Reference List*

CLEAR OPENING SCREENS

Size of Opening	Diameter of Wires - Inches	Open Area	Grades	Weight, Lbs. per Sq. Ft.
2 ¾" Square Opening	0.750	61.7%		10.52
	0.625	66.4%	Heavy	7.54
	0.500	71.6%	Medium Heavy	4.98
	0.4375	74.4%	Medium	3.88
	0.375	77.4%	Medium Light	2.90
	0.3125	80.6%		2.05
	0.250	84.0%		1.34
2 ½" Square Opening	0.625	64.0%	Heavy	8.16
	0.500	69.4%	Medium Heavy	5.41
	0.4375	72.4%	Medium	4.22
	0.375	75.6%	Medium Light	3.16
	0.3125	79.0%		2.24
	0.250	82.6%		1.46
2 ¼" Square Opening	0.625	61.2%	Heavy	8.90
	0.500	66.9%	Medium Heavy	5.91
	0.4375	70.1%	Medium	4.62
	0.375	73.4%	Medium Light	3.46
	0.3125	77.1%		2.46
	0.250	81.0%		1.61
	0.207	83.9%		1.12
2" Square Opening	0.625	58.0%	Heavy	9.79
	0.500	64.0%	Medium Heavy	6.53
	0.4375	67.3%		5.11
	0.375	70.9%	Medium	3.84
	0.3125	74.8%	Medium Light	2.73
	0.250	79.0%		1.79
	0.207	82.1%		1.25
	0.192	83.2%		1.08
1 ¾" Square Opening	0.500	60.5%	Heavy	7.29
	0.4375	64.0%	Medium Heavy	5.71
	0.375	67.8%	Medium	4.30
	0.3125	71.9%	Medium Light	3.07
	0.250	76.6%		2.02

Continued...

**Reference List*

CLEAR OPENING SCREENS

Size of Opening	Diameter of Wires - Inches	Open Area	Grades	Weight, Lbs. per Sq. Ft.
1 ¾" Square Opening	0.207	80.0%		1.41
	0.192	81.2%		1.22
1 ½" Square Opening	0.500	56.3%	Heavy	8.25
	0.4375	59.9%		6.48
	0.375	64.0%	Medium Heavy	4.90
	0.3125	68.5%	Medium	3.50
	0.250	73.4%	Medium Light	2.31
	0.207	77.2%		1.62
	0.192	78.6%		1.40
1 3/8" Square Opening	0.4375	57.5%	Heavy	6.95
	0.375	61.6%	Medium Heavy	5.26
	0.3125	66.5%	Medium	3.77
	0.250	71.5%	Medium Light	2.49
	0.207	75.6%		1.75
	0.192	77.0%		1.52
	0.177	78.5%		1.30
	0.162	80.0%		1.10
	0.148	81.5%		0.92
	0.135	82.9%		0.78
1 1/4" Square Opening	0.4375	54.8%	Heavy	7.50
	0.375	59.2%	Medium Heavy	5.69
	0.3125	64.0%	Medium	4.08
	0.250	69.4%	Medium Light	2.70
	0.207	73.6%		1.90
	0.192	75.1%		1.65
	0.177	76.7%		1.42
	0.162	78.4%		1.20
	0.148	79.9%		1.01
	0.135	81.5%		0.85
1 1/8" Square Opening	0.375	55.0%	Heavy	6.19
	0.3125	61.0%	Medium Heavy	4.45
	0.250	67.0%	Medium	2.96
	0.207	71.3%	Medium Light	2.08
	0.192	73.0%		1.81

Continued...

**Reference List*

CLEAR OPENING SCREENS

Size of Opening	Diameter of Wires - Inches	Open Area	Grades	Weight, Lbs. per Sq. Ft.
1 1/8" Square Opening	0.177	74.7%		1.55
	0.162	76.4%		1.32
	0.148	78.1%		1.11
	0.135	79.7%		0.93
1" Square Opening	0.375	52.9%	Heavy	6.79
	0.3125	58.0%	Medium Heavy	4.90
	0.250	64.0%	Medium	3.26
	0.207	68.6%	Medium Light	2.31
	0.192	70.4%		2.01
	0.177	72.2%		1.72
	0.162	74.0%		1.46
	0.148	75.9%		1.23
	0.135	77.6%		1.04
	0.120	79.7%		0.83
7/8" Square Opening	0.375	49.0%		7.52
	0.3125	54.3%	Heavy	5.44
	0.250	60.5%	Medium Heavy	3.64
	0.207	65.3%	Medium	2.58
	0.192	67.2%	Medium Light	2.25
	0.192	67.2%		2.25
	0.177	69.2%		1.93
	0.162	71.2%		1.64
	0.148	73.5%		1.38
	0.135	75.1%		1.17
	0.120	77.3%		0.93
3/4" Square Opening	0.375	44.4%		8.44
	0.3125	48.9%	Heavy	6.13
	0.250	56.3%	Medium Heavy	4.12
	0.207	61.4%	Medium	2.93
	0.192	63.4%	Medium Light	2.56
	0.177	65.5%		2.20
	0.162	67.6%		1.87
	0.148	69.8%		1.58
	0.135	71.8%		1.33
	0.120	74.3%		1.07
	0.105	76.9%		0.83
	0.092	79.3%		0.65

**Reference List*

CLEAR OPENING SCREENS

Size of Opening	Diameter of Wires - Inches	Open Area	Grades	Weight, Lbs. per Sq. Ft.
5/8" Square Opening	0.3125	44.4%		7.03
	0.250	51.0%	Heavy	4.76
	0.207	56.4%	Medium Heavy	3.40
	0.192	58.5%	Medium	2.97
	0.177	60.7%	Medium Light	2.56
	0.162	63.1%		2.18
	0.148	65.4%		1.85
	0.135	67.6%		1.56
	0.120	70.3%		1.25
	0.105	73.4%		0.98
	0.092	76.0%		0.76
9/16" Square Opening	0.250	47.9%	Heavy	5.19
	0.207	53.4%		3.72
	0.192	55.0%	Medium Heavy	3.26
	0.177	57.6%	Medium	2.81
	0.162	61.0%	Medium Light	2.40
	0.148	62.7%		2.04
	0.135	65.0%		1.72
	0.120	67.9%		1.38
	0.105	71.0%		1.08
	0.092	73.8%		0.85
	0.080	76.6%		0.65
	0.072	78.5%		0.53
	0.063	80.9%		0.41
1/2" Square Opening	0.375	32.7%		11.19
	0.3125	37.9%		8.24
	0.250	44.4%		5.62
	0.207	49.8%	Heavy	4.04
	0.192	52.2%	Medium Heavy	3.54
	0.177	54.5%	Medium	3.06
	0.162	57.1%	Medium Light	2.61
	0.148	59.5%		2.22
	0.135	62.0%		1.88
	0.120	65.0%		1.51
	0.105	68.3%		1.18
	0.092	71.3%		0.93
	0.080	74.3%		0.71
	0.072	76.4%		0.58
	0.063	78.9%		0.45

**Reference List*

CLEAR OPENING SCREENS

Size of Opening	Diameter of Wires - Inches	Open Area	Grades	Weight, Lbs. per Sq. Ft.
7/16" Square Opening	0.250	40.5%		6.19
	0.207	46.0%		4.47
	0.192	48.3%		3.92
	0.192	48.3%	Heavy	3.92
	0.177	50.7%	Medium Heavy	3.40
	0.162	53.2%	Medium	2.90
	0.148	55.8%	Medium Light	2.47
	0.135	58.4%		2.09
	0.120	61.5%		1.69
	0.105	65.0%		1.33
	0.092	68.3%		1.04
	0.080	71.5%		0.80
	0.072	73.7%		0.66
	0.063	76.4%		0.51
3/8" Square Opening	0.250	36.0%		6.89
	0.207	41.5%		5.00
	0.192	43.8%		4.39
	0.177	46.1%	Heavy	3.82
	0.162	48.7%	Medium Heavy	3.27
	0.148	51.4%	Medium	2.79
	0.135	54.1%	Medium Light	2.37
	0.120	57.4%		1.92
	0.105	61.0%		1.51
	0.092	64.5%		1.18
	0.080	67.9%		0.91
	0.072	70.4%		0.75
	0.063	73.3%		0.59
	0.054	76.4%		0.44
5/16" Square Opening	0.192	38.4%		5.00
	0.177	40.8%		4.36
	0.162	43.4%	Heavy	3.74
	0.148	46.0%	Medium Heavy	3.20
	0.135	48.8%	Medium	2.72
	0.120	52.2%	Medium Light	2.21
	0.105	56.0%		1.74
	0.092	59.6%		1.37
	0.080	63.4%		1.07
	0.072	66.1%		0.88
	0.063	69.3%		0.69
	0.054	72.7%		0.51

**Reference List*

CLEAR OPENING SCREENS

Size of Opening	Diameter of Wires - Inches	Open Area	Grades	Weight, Lbs. per Sq. Ft.
1/4" Square Opening	0.207	29.9%		6.59
	0.192	32.0%		5.82
	0.177	34.3%		5.08
	0.162	36.8%		4.38
	0.148	39.4%	Heavy	3.76
	0.135	42.2%	Medium Heavy	3.21
	0.120	45.6%	Medium	2.62
	0.105	49.6%	Medium Light	2.07
	0.092	53.4%		1.64
	0.080	57.4%		1.28
	0.072	60.3%		1.06
	0.063	63.8%		0.83
	0.054	67.6%		0.62
	0.047	70.9%		0.48
3/16" Square Opening	0.162	28.8%		5.30
	0.148	31.3%		4.57
	0.135	33.8%	Heavy	3.92
	0.120	37.2%	Medium Heavy	3.22
	0.105	41.1%		2.56
	0.092	45.1%	Medium	2.04
	0.080	49.1%	Medium Light	1.60
	0.072	52.2%		1.33
	0.063	56.0%		1.05
	0.054	60.3%		0.79
	0.047	63.9%		0.62
	0.041	67.3%		0.48
5/32" Square Opening	0.120	32.2%	Heavy	3.64
	0.105	36.9%	Medium Heavy	2.95
	0.092	39.9%		2.36
	0.080	43.5%	Medium	1.86
	0.072	48.1%		1.56
	0.063	51.2%	Medium Light	1.23
	0.054	53.3%		0.94
	0.047	58.5%		0.73
	0.041	63.2%		0.55

**Reference List*

CLEAR OPENING SCREENS

Size of Opening	Diameter of Wires - Inches	Open Area	Grades	Weight, Lbs. per Sq. Ft.
1/8" Square Opening	0.105	29.5%	Heavy	3.37
	0.092	33.4%	Medium Heavy	2.71
	0.080	37.2%		2.15
	0.072	40.2%	Medium	1.79
	0.063	44.2%		1.43
	0.054	48.7%	Medium Light	1.09
	0.047	52.8%		0.85
	0.041	56.7%		0.67
	0.035	61.0%		0.50
3/32" Square Opening	0.080	29.6%	Heavy	2.48
	0.072	32.5%		2.18
	0.063	35.0%	Medium Heavy	1.66
	0.054	38.8%		1.35
	0.047	45.2%	Medium	1.05
	0.041	47.6%	Medium Light	0.83
	0.035	51.8%		0.65
1/16" Square Opening	0.063	24.6%	Heavy	2.15
	0.054	29.6%		1.67
	0.047	33.2%	Medium Heavy	1.40
	0.041	37.0%	Medium	1.11
	0.035	42.3%	Medium Light	0.83

**Reference List*

SQUARE MESH WIRE CLOTH

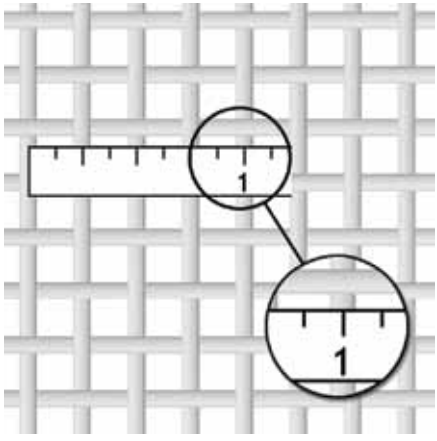


Figure 1

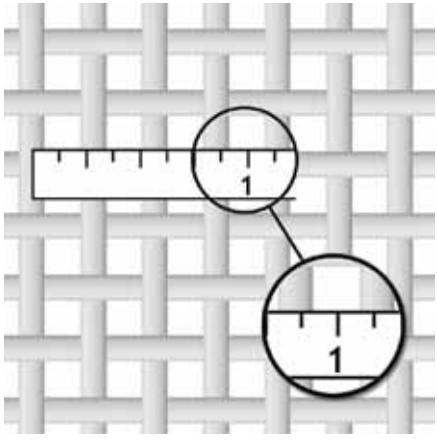


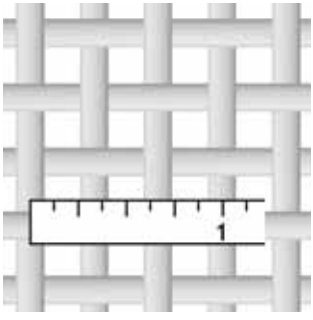
Figure 2

Definition of Mesh

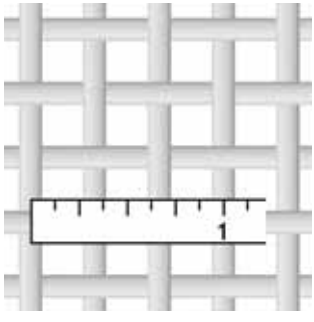
Mesh designates the number of openings and fractional parts of a opening, per lineal inch. To determine the mesh, count the number of openings from the center of any one wire to the center of a parallel wire, one inch in distance. Figure 1 illustrates a four mesh. When the point an inch distant from the center of a wire falls between wires, the mesh count is expressed in fractions. Figure 2 illustrates a 3-1/2 mesh count (3-1/2 openings from center of any wire to a point one inch in distance). When two parallel wires are on centers of 5/8", 3/4", etc., they can be expressed as 5/8" mesh, 3/4" mesh, etc.

MESH-DIAMETER-OPEN AREA

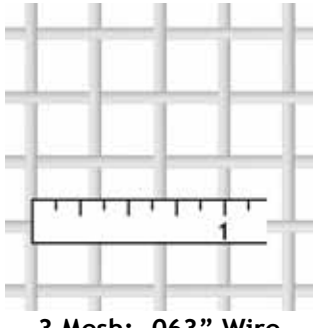
All the illustrations on this page are 3 Mesh wire cloth, that is, 3 openings to the inch; however, each is made from a different size wire. The actual opening is different in each case, as is the percent of open area. Remember, the larger the wire, the longer the life of the screen but the opening is smaller and the screening is slower. Conversely, the smaller the wire, the shorter the life of the screen but the opening is larger and the screening is faster.



3 Mesh; .148" Wire
30.8% Open Area

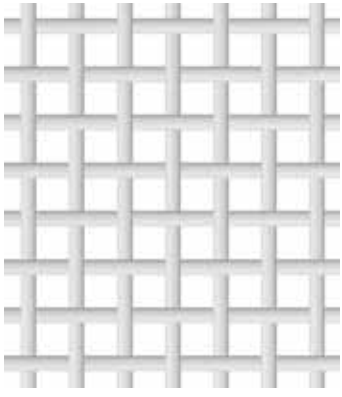


3 Mesh; .120" Wire
40.8% Open Area

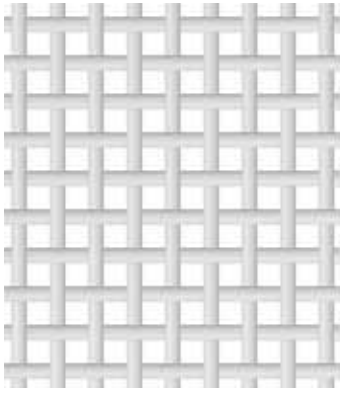


3 Mesh; .063" Wire
65.6% Open Area

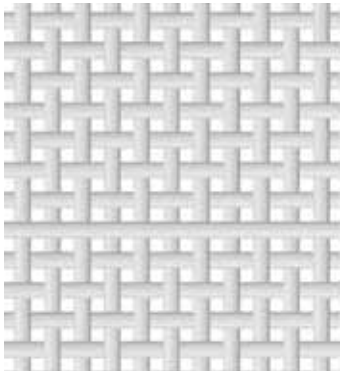
MESH-DIAMETER-OPEN AREA



4 Mesh; .080” Wire
46.2% Open Area



5 Mesh; .080” Wire
36% Open Area



6 Mesh; .080” Wire
27.2% Open Area

SQUARE MESH WIRE CLOTH

**Reference List*

Grade Types:
MG - Market Grade | ML - Mill Grade | TBC - Tensil Bolting Cloth

Mesh per lineal inch	Grade Type	Industrial Wire Cloth Std. Guage No.	Diameter of Wires		Width of Opening		Weight, Pounds per 100 Sq.Ft., Steel	Open Area
			Inches	Millimeters	Inches	Millimeters		
1" **SQUARE MESH** Center to Center of Wires		0	0.331	8.41	0.669	16.99	738.7	44.8%
		0	0.307	7.80	0.693	17.60	631.2	48.0%
		1	0.283	7.19	0.717	18.21	532.8	51.4%
		2	0.263	6.68	0.737	18.72	457.9	54.3%
		3	0.250	6.35	0.750	19.05	412.4	56.3%
		4	0.207	5.26	0.793	20.14	280.1	62.9%
		5	0.192	4.88	0.808	20.52	240.3	65.3%
		6	0.177	4.50	0.823	20.90	203.7	67.7%
		7	0.162	4.11	0.838	21.29	170.2	70.2%
		8	0.148	3.76	0.852	21.64	141.7	72.6%
		9	0.135	3.43	0.865	21.97	117.7	74.8%
		10	0.120	3.05	0.880	22.35	92.8	77.4%
		11	0.105	2.67	0.895	22.73	71.0	80.1%
		12	0.092	2.34	0.908	23.06	54.4	82.4%
		13	0.080	2.03	0.920	23.37	41.1	84.6%
		14	0.072	1.83	0.928	23.57	33.3	86.1%
		15	0.063	1.60	0.937	23.80	25.5	87.8%
3/4" **SQUARE MESH** Center to Center of Wires		0	0.307	7.80	0.443	11.25	805.4	34.9%
		1	0.283	7.19	0.467	11.86	730.3	38.8%
		2	0.263	6.68	0.487	12.37	625.6	42.1%
		3	0.250	6.35	0.500	12.70	562.3	44.4%
		4	0.207	5.26	0.543	13.79	379.4	52.4%
		5	0.192	4.88	0.558	14.17	324.8	55.3%
		6	0.177	4.50	0.573	14.55	274.7	58.3%
		7	0.162	4.11	0.588	14.94	229.2	61.4%
		8	0.148	3.76	0.602	15.29	190.5	64.4%
		9	0.135	3.43	0.615	15.62	158.1	67.2%
		10	0.120	3.05	0.630	16.00	124.4	70.5%
		11	0.105	2.67	0.645	16.38	95.0	73.9%
		12	0.092	2.34	0.658	16.71	72.8	76.9%
		13	0.080	2.03	0.670	17.02	54.9	79.8%
		14	0.072	1.83	0.678	17.22	44.5	81.7%
		15	0.063	1.60	0.687	17.45	34.0	83.9%
		16	0.054	1.37	0.696	17.68	24.9	86.1%

SQUARE MESH WIRE CLOTH

**Reference List*

Mesh per lineal inch	Grade Type	Industrial Wire Cloth Std. Guage No.	Diameter of Wires		Width of Opening		Weight, Pounds per 100 Sq.Ft., Steel	Open Area
			Inches	Millimeters	Inches	Millimeters		
5/8" **SQUARE MESH** Center to Center of Wires		1	0.283	7.19	0.342	8.69	900.4	30.0%
		2	0.263	6.68	0.362	9.19	768.6	33.5%
		3	0.250	6.35	0.375	9.53	689.4	36.0%
		4	0.207	5.26	0.418	10.62	462.4	44.7%
		5	0.192	4.88	0.433	11.00	395.0	48.0%
		6	0.177	4.50	0.448	11.38	333.5	51.4%
		7	0.162	4.11	0.463	11.76	277.7	54.9%
		8	0.148	3.76	0.477	12.12	230.5	58.3%
		9	0.135	3.43	0.490	12.45	191.0	61.5%
		10	0.120	3.05	0.505	12.83	150.2	65.3%
		11	0.105	2.67	0.520	13.21	114.5	69.2%
		12	0.092	2.34	0.533	13.54	87.9	72.7%
		13	0.080	2.03	0.545	13.84	66.1	76.0%
		14	0.072	1.83	0.553	14.05	53.5	78.3%
		15	0.063	1.60	0.562	14.27	40.9	80.9%
		16	0.054	1.37	0.571	14.50	30.0	83.5%
		17	0.047	1.19	0.578	14.68	22.7	85.5%
2 **SQUARE MESH**		3	0.250	6.35	0.250	6.35	894.6	25.0%
		4	0.207	5.26	0.293	7.44	593.8	34.3%
		5	0.192	4.88	0.308	7.82	505.5	37.9%
		6	0.177	4.50	0.323	8.20	425.4	41.7%
		7	0.162	4.11	0.338	8.59	353.3	45.7%
		8	0.148	3.76	0.352	8.94	292.4	49.6%
		9	0.135	3.43	0.365	9.27	241.7	53.3%
		10	0.120	3.05	0.380	9.65	189.6	57.8%
		11	0.105	2.67	0.395	10.03	144.2	62.4%
		12	0.092	2.34	0.408	10.36	110.2	66.6%
		13	0.080	2.03	0.420	10.67	83.0	70.6%
		14	0.072	1.83	0.428	10.87	67.1	73.3%
	MG ML	15	0.063	1.60	0.437	11.10	51.2	76.4%
		16	0.054	1.37	0.446	11.33	37.6	79.6%
		17	0.047	1.19	0.453	11.51	28.4	82.1%
		18	0.041	1.04	0.459	11.66	21.6	84.3%
		19	0.035	0.89	0.465	11.81	15.7	86.5%
2 1/4 **SQUARE MESH**		4	0.207	5.26	0.237	6.02	680.9	28.4%
		5	0.192	4.88	0.252	6.40	578.4	32.2%
		6	0.177	4.50	0.267	6.78	485.7	36.1%
		7	0.162	4.11	0.282	7.16	402.3	40.3%
		8	0.148	3.76	0.296	7.52	332.5	44.4%
		9	0.135	3.43	0.309	7.85	274.3	48.3%
		10	0.120	3.05	0.324	8.23	214.8	53.1%

Continued on next page

SQUARE MESH WIRE CLOTH

**Reference List*

Mesh per lineal inch	Grade Type	Industrial Wire Cloth Std. Guage No.	Diameter of Wires		Width of Opening		Weight, Pounds per 100 Sq.Ft., Steel	Open Area
			Inches	Millimeters	Inches	Millimeters		
2 1/4 **SQUARE MESH**		12	0.105	2.67	0.339	8.61	163.2	58.2%
		13	0.092	2.34	0.352	8.94	124.5	62.7%
		14	0.080	2.03	0.364	9.25	93.7	67.1%
		15	0.072	1.83	0.372	9.45	75.7	70.1%
		16	0.063	1.60	0.381	9.68	57.8	73.5%
		17	0.054	1.37	0.390	9.91	42.3	77.0%
		18	0.047	1.19	0.397	10.08	32.0	79.8%
		19	0.041	1.04	0.403	10.24	24.3	82.2%
		20	0.035	0.89	0.409	10.39	17.7	84.7%
2 1/2 **SQUARE MESH**		4	0.207	5.26	0.193	4.90	772.2	23.3%
		5	0.192	4.88	0.208	5.28	654.4	27.0%
		6	0.177	4.50	0.223	5.66	548.2	31.1%
		7	0.162	4.11	0.238	6.05	453.1	35.4%
		8	0.148	3.76	0.252	6.40	373.7	39.7%
		9	0.135	3.43	0.265	6.73	307.8	43.9%
		10	0.120	3.05	0.280	7.11	240.6	49.0%
		11	0.105	2.67	0.295	7.49	182.4	54.4%
		12	0.092	2.34	0.308	7.82	139.0	59.3%
		13	0.080	2.03	0.320	8.13	104.4	64.0%
		14	0.072	1.83	0.328	8.33	84.3	67.2%
		15	0.063	1.60	0.337	8.56	64.3	71.0%
		16	0.054	1.37	0.346	8.79	47.1	74.8%
		17	0.047	1.19	0.353	8.97	35.6	77.9%
		18	0.041	1.04	0.359	9.12	27.0	80.6%
		19	0.035	0.89	0.365	9.27	19.7	83.3%
2 3/4 **SQUARE MESH**		6	0.177	4.50	0.187	4.75	613.4	26.4%
		7	0.162	4.11	0.202	5.13	505.8	30.9%
		8	0.148	3.76	0.216	5.49	416.3	35.3%
		9	0.135	3.43	0.229	5.82	342.2	39.7%
		10	0.120	3.05	0.244	6.20	267.0	45.0%
		11	0.105	2.67	0.259	6.58	202.0	50.7%
		12	0.092	2.34	0.272	6.91	153.7	56.0%
		13	0.080	2.03	0.284	7.21	115.3	61.0%
		14	0.072	1.83	0.292	7.42	93.0	64.5%
		15	0.063	1.60	0.301	7.65	70.9	68.5%
		16	0.054	1.37	0.310	7.87	51.9	72.7%
		17	0.047	1.19	0.317	8.05	39.2	76.0%
		18	0.041	1.04	0.323	8.20	29.8	78.9%
		19	0.035	0.89	0.329	8.36	21.7	81.9%

SQUARE MESH WIRE CLOTH

**Reference List*

Mesh per lineal inch	Grade Type	Industrial Wire Cloth Std. Guage No.	Diameter of Wires		Width of Opening		Weight, Pounds per 100 Sq.Ft., Steel	Open Area
			Inches	Millimeters	Inches	Millimeters		
3 **SQUARE MESH**		8	0.162	4.11	0.171	4.34	560.4	26.3%
		9	0.148	3.76	0.185	4.70	460.2	30.8%
		10	0.135	3.43	0.198	5.03	377.6	35.3%
		11	0.120	3.05	0.213	5.41	293.9	40.8%
		12	0.105	2.67	0.228	5.79	222.0	46.8%
		13	0.092	2.34	0.241	6.12	168.7	52.3%
		14	0.080	2.03	0.253	6.43	126.4	57.6%
		15	0.072	1.83	0.261	6.63	101.9	61.3%
		16	0.063	1.60	0.270	6.86	77.6	65.6%
	MG	17	0.054	1.37	0.279	7.09	56.7	70.1%
		18	0.047	1.19	0.286	7.26	42.8	73.6%
	ML	19	0.041	1.04	0.292	7.42	32.5	76.7%
		20	0.035	0.89	0.298	7.57	23.7	79.9%
		21	0.032	0.81	0.301	7.65	19.7	81.5%
3 1/4 **SQUARE MESH**		9	0.148	3.76	0.160	4.06	505.6	27.0%
		10	0.135	3.43	0.173	4.39	414.0	31.6%
		11	0.120	3.05	0.188	4.78	321.6	37.3%
		12	0.105	2.67	0.203	5.16	242.4	43.5%
		13	0.092	2.34	0.216	5.49	183.8	49.3%
		14	0.080	2.03	0.228	5.79	137.6	54.9%
		15	0.072	1.83	0.236	5.99	110.8	58.8%
		16	0.063	1.60	0.245	6.22	84.3	63.4%
		17	0.054	1.37	0.254	6.45	61.6	68.1%
		18	0.047	1.19	0.261	6.63	46.5	72.0%
		19	0.041	1.04	0.267	6.78	35.3	75.3%
		20	0.035	0.89	0.273	6.93	25.6	78.7%
		21	0.032	0.81	0.276	7.01	21.4	80.5%
3 1/2 **SQUARE MESH**		9	0.148	3.76	0.138	3.51	525.0	23.3%
		10	0.135	3.43	0.151	3.84	429.0	27.9%
		11	0.120	3.05	0.166	4.22	349.9	33.8%
		12	0.105	2.67	0.181	4.60	263.2	40.1%
		13	0.092	2.34	0.194	4.93	199.3	46.1%
		14	0.080	2.03	0.206	5.23	148.9	52.0%
		15	0.072	1.83	0.214	5.44	119.8	56.1%
		16	0.063	1.60	0.223	5.66	91.1	60.9%
		17	0.054	1.37	0.232	5.89	66.5	65.9%
		18	0.047	1.19	0.239	6.07	50.2	70.0%
		19	0.041	1.04	0.245	6.22	38.1	73.5%
		20	0.035	0.89	0.251	6.38	27.6	77.2%
		21	0.032	0.81	0.254	6.45	23.1	79.0%

SQUARE MESH WIRE CLOTH

**Reference List*

Mesh per lineal inch	Grade Type	Industrial Wire Cloth Std. Guage No.	Diameter of Wires		Width of Opening		Weight, Pounds per 100 Sq.Ft., Steel	Open Area
			Inches	Millimeters	Inches	Millimeters		
3 3/4 **SQUARE MESH**		9	0.148	3.76	0.119	3.02	571.3	19.9%
		10	0.135	3.43	0.132	3.35	465.9	24.5%
		11	0.120	3.05	0.147	3.73	360.1	30.4%
		12	0.105	2.67	0.162	4.11	284.5	36.9%
		13	0.092	2.34	0.175	4.45	215.0	43.1%
		14	0.080	2.03	0.187	4.75	160.4	49.2%
		15	0.072	1.83	0.195	4.95	128.9	53.5%
		16	0.063	1.60	0.204	5.18	97.9	58.5%
		17	0.054	1.37	0.213	5.41	71.4	63.8%
		18	0.047	1.19	0.220	5.59	53.8	68.1%
		19	0.041	1.04	0.226	5.74	40.8	71.8%
		20	0.035	0.89	0.232	5.89	29.7	75.7%
		21	0.032	0.81	0.235	5.97	24.8	77.7%
4 **SQUARE MESH**		9	0.148	3.76	0.102	2.59	619.1	16.6%
		10	0.135	3.43	0.115	2.92	503.8	21.2%
		11	0.120	3.05	0.130	3.30	388.6	27.0%
		12	0.105	2.67	0.145	3.68	306.2	33.6%
		13	0.092	2.34	0.158	4.01	231.0	39.9%
		14	0.080	2.03	0.170	4.32	172.1	46.2%
		15	0.072	1.83	0.178	4.52	138.2	50.7%
	MG	16	0.063	1.60	0.187	4.75	104.8	56.0%
		17	0.054	1.37	0.196	4.98	76.4	61.5%
	MG	18	0.047	1.19	0.203	5.16	57.6	65.9%
		19	0.041	1.04	0.209	5.31	43.6	69.9%
	ML	20	0.035	0.89	0.215	5.46	31.7	74.0%
		21	0.032	0.81	0.218	5.54	26.4	76.0%
		22	0.028	0.71	0.222	5.64	20.2	78.9%
		23	0.025	0.64	0.225	5.72	16.1	81.0%
4 1/2 **SQUARE MESH**		11	0.120	3.05	0.102	2.59	447.9	21.1%
		12	0.105	2.67	0.117	2.97	333.7	27.7%
		13	0.092	2.34	0.130	3.30	263.9	34.2%
		14	0.080	2.03	0.142	3.61	195.9	40.8%
		15	0.072	1.83	0.150	3.81	157.0	45.6%
		16	0.063	1.60	0.159	4.04	118.9	51.2%
		17	0.054	1.37	0.168	4.27	86.4	57.2%
		18	0.047	1.19	0.175	4.45	65.0	62.0%
		19	0.041	1.04	0.181	4.60	49.2	66.3%
		20	0.035	0.89	0.187	4.75	35.7	70.8%
		21	0.032	0.81	0.190	4.83	29.8	73.1%
		22	0.028	0.71	0.194	4.93	22.8	76.2%
		23	0.025	0.64	0.197	5.00	18.1	78.6%

SQUARE MESH WIRE CLOTH

**Reference List*

Mesh per lineal inch	Grade Type	Industrial Wire Cloth Std. Guage No.	Diameter of Wires		Width of Opening		Weight, Pounds per 100 Sq.Ft., Steel	Open Area
			Inches	Millimeters	Inches	Millimeters		
5 **SQUARE MESH**		11	0.120	3.05	0.080	2.03	510.6	16.0%
		12	0.105	2.67	0.095	2.41	378.7	22.6%
		13	0.092	2.34	0.108	2.74	283.4	29.2%
		14	0.080	2.03	0.120	3.05	220.6	36.0%
		15	0.072	1.83	0.128	3.25	176.4	41.0%
		16	0.063	1.60	0.137	3.48	133.2	46.9%
		17	0.054	1.37	0.146	3.71	96.7	53.3%
		18	0.047	1.19	0.153	3.89	72.6	58.5%
	MG	19	0.041	1.04	0.159	4.04	54.9	63.2%
		20	0.035	0.89	0.165	4.19	39.8	68.1%
	ML	21	0.032	0.81	0.168	4.27	33.2	70.6%
		22	0.028	0.71	0.172	4.37	25.3	74.0%
		23	0.025	0.64	0.175	4.45	20.2	76.6%
		24	0.023	0.58	0.177	4.50	17.0	78.3%
5 1/2 **SQUARE MESH**		12	0.105	2.67	0.077	1.96	448.3	17.9%
		13	0.092	2.34	0.090	2.29	317.3	24.5%
		14	0.080	2.03	0.102	2.59	233.9	31.5%
		15	0.072	1.83	0.110	2.79	196.3	36.6%
		16	0.063	1.60	0.119	3.02	147.9	42.8%
		17	0.054	1.37	0.128	3.25	107.1	49.6%
		18	0.047	1.19	0.135	3.43	80.3	55.1%
		19	0.041	1.04	0.141	3.58	60.7	60.1%
		20	0.035	0.89	0.147	3.73	43.9	65.4%
		21	0.032	0.81	0.150	3.81	36.6	68.1%
		22	0.028	0.71	0.154	3.91	27.9	71.7%
		23	0.025	0.64	0.157	3.99	22.2	74.6%
		24	0.023	0.58	0.159	4.04	18.8	76.5%
6 **SQUARE MESH**		13	0.092	2.34	0.075	1.91	352.8	20.2%
		14	0.080	2.03	0.087	2.21	259.1	27.2%
		15	0.072	1.83	0.095	2.41	216.9	32.5%
		16	0.063	1.60	0.104	2.64	163.0	38.9%
		17	0.054	1.37	0.113	2.87	117.7	46.0%
		18	0.047	1.19	0.120	3.05	88.2	51.8%
		19	0.041	1.04	0.126	3.20	66.5	57.2%
	MG	20	0.035	0.89	0.132	3.35	48.1	62.7%
		21	0.032	0.81	0.135	3.43	40.0	65.6%
	ML	22	0.028	0.71	0.139	3.53	30.5	69.6%
		23	0.025	0.64	0.142	3.61	24.3	72.6%
		24	0.023	0.58	0.144	3.66	20.5	74.7%
		25	0.020	0.51	0.147	3.73	15.5	77.8%

SQUARE MESH WIRE CLOTH

**Reference List*

Mesh per lineal inch	Grade Type	Industrial Wire Cloth Std. Guage No.	Diameter of Wires		Width of Opening		Weight, Pounds per 100 Sq.Ft., Steel	Open Area
			Inches	Millimeters	Inches	Millimeters		
6 1/2 **SQUARE MESH**		13	0.092	2.34	0.062	1.57	389.9	16.2%
		14	0.080	2.03	0.074	1.88	285.1	23.1%
		15	0.072	1.83	0.082	2.08	226.3	28.4%
		16	0.063	1.60	0.091	2.31	169.6	35.0%
		17	0.054	1.37	0.100	2.54	128.6	42.3%
		18	0.047	1.19	0.107	2.72	96.1	48.4%
		19	0.041	1.04	0.113	2.87	72.4	53.0%
		20	0.035	0.89	0.119	3.02	52.3	59.8%
		21	0.032	0.81	0.122	3.10	43.5	62.9%
		22	0.028	0.71	0.126	3.20	33.2	67.1%
		23	0.025	0.64	0.129	3.28	26.3	70.3%
		24	0.023	0.58	0.131	3.33	22.3	72.5%
		25	0.020	0.51	0.134	3.40	16.8	75.9%
7 **SQUARE MESH**		14	0.080	2.03	0.063	1.60	312.2	19.5%
		15	0.072	1.83	0.071	1.80	247.2	24.7%
		16	0.063	1.60	0.080	2.03	184.7	31.4%
		17	0.054	1.37	0.089	2.26	139.7	38.8%
		18	0.047	1.19	0.096	2.44	104.2	45.2%
		19	0.041	1.04	0.102	2.59	78.4	51.0%
	MG	20	0.035	0.89	0.108	2.74	56.5	57.2%
		21	0.032	0.81	0.111	2.82	47.0	60.4%
	ML	22	0.028	0.71	0.115	2.92	35.8	64.8%
		23	0.025	0.64	0.118	3.00	28.4	68.2%
		24	0.023	0.58	0.120	3.05	24.0	70.6%
		25	0.020	0.51	0.123	3.12	18.1	74.1%
		26	0.018	0.46	0.125	3.18	14.6	76.6%
7 1/2 **SQUARE MESH**		14	0.080	2.03	0.053	1.35	340.4	15.8%
		15	0.072	1.83	0.061	1.55	268.7	20.9%
		16	0.063	1.60	0.070	1.78	200.3	27.6%
		17	0.054	1.37	0.079	2.01	151.0	35.1%
		18	0.047	1.19	0.086	2.18	112.5	41.6%
		19	0.041	1.04	0.092	2.34	84.4	47.6%
		20	0.035	0.89	0.098	2.49	60.8	54.0%
		21	0.032	0.81	0.101	2.57	50.6	57.4%
		22	0.028	0.71	0.105	2.67	38.4	62.0%
		23	0.025	0.64	0.108	2.74	30.5	65.6%
		24	0.023	0.58	0.110	2.79	25.8	68.1%
		25	0.020	0.51	0.113	2.87	19.4	71.8%
		26	0.018	0.46	0.115	2.92	15.7	74.4%

SQUARE MESH WIRE CLOTH

**Reference List*

Mesh per lineal inch	Grade Type	Industrial Wire Cloth Std. Guage No.	Diameter of Wires		Width of Opening		Weight, Pounds per 100 Sq.Ft., Steel	Open Area
			Inches	Millimeters	Inches	Millimeters		
8 **SQUARE MESH**		15	0.072	1.83	0.053	1.35	291.1	18.0%
		16	0.063	1.60	0.062	1.58	216.3	24.6%
		17	0.054	1.37	0.071	1.80	162.7	32.3%
		18	0.047	1.19	0.078	1.98	120.9	38.9%
		19	0.041	1.04	0.084	2.13	90.6	45.2%
		20	0.035	0.89	0.090	2.29	65.1	51.8%
		21	0.032	0.81	0.093	2.36	54.1	55.4%
	MG	22	0.028	0.71	0.097	2.46	41.1	60.2%
	ML	23	0.025	0.64	0.100	2.54	32.6	64.0%
		24	0.023	0.58	0.102	2.59	27.5	66.6%
		25	0.020	0.51	0.105	2.67	20.7	70.6%
		26	0.018	0.46	0.107	2.72	16.8	73.3%
		27	0.017	0.43	0.108	2.74	14.9	74.6%
8 1/2 **SQUARE MESH**		15	0.072	1.83	0.046	1.17	314.3	15.3%
		16	0.063	1.60	0.055	1.40	232.8	21.9%
		17	0.054	1.37	0.064	1.63	165.9	29.6%
		18	0.047	1.19	0.071	1.80	129.4	36.4%
		19	0.041	1.04	0.077	1.96	96.8	42.8%
		20	0.035	0.89	0.083	2.11	69.5	49.8%
		21	0.032	0.81	0.086	2.18	57.7	53.4%
		22	0.028	0.71	0.090	2.29	43.8	58.5%
		23	0.025	0.64	0.093	2.36	34.8	62.5%
		24	0.023	0.58	0.095	2.41	29.3	65.2%
		25	0.020	0.51	0.098	2.49	22.1	69.4%
		26	0.018	0.46	0.100	2.54	17.8	72.3%
		27	0.017	0.43	0.101	2.57	15.9	73.7%
9 **SQUARE MESH**		15	0.072	1.83	0.039	0.99	338.2	12.3%
		16	0.063	1.60	0.048	1.22	249.8	18.7%
		17	0.054	1.37	0.057	1.45	177.4	26.3%
		18	0.047	1.19	0.064	1.63	138.2	33.2%
		19	0.041	1.04	0.070	1.78	103.2	39.7%
		20	0.035	0.89	0.076	1.93	74.0	46.8%
		21	0.032	0.81	0.079	2.01	61.4	50.6%
		22	0.028	0.71	0.083	2.11	46.6	55.8%
		23	0.025	0.64	0.086	2.18	36.9	59.9%
	ML	24	0.023	0.58	0.088	2.24	31.1	62.7%
		25	0.020	0.51	0.091	2.31	23.4	67.1%
		26	0.018	0.46	0.093	2.36	18.9	70.1%
		27	0.017	0.43	0.094	2.39	16.8	71.6%
		28	0.016	0.41	0.095	2.41	14.9	73.1%

SQUARE MESH WIRE CLOTH

**Reference List*

Mesh per lineal inch	Grade Type	Industrial Wire Cloth Std. Guage No.	Diameter of Wires		Width of Opening		Weight, Pounds per 100 Sq.Ft., Steel	Open Area
			Inches	Millimeters	Inches	Millimeters		
9 1/2 **SQUARE MESH**		16	0.063	1.60	0.042	1.07	267.3	15.9%
		17	0.054	1.37	0.051	1.30	189.3	23.5%
		18	0.047	1.19	0.058	1.47	147.1	30.4%
		19	0.041	1.04	0.064	1.63	109.7	37.0%
		20	0.035	0.89	0.070	1.78	78.5	44.2%
		21	0.032	0.81	0.073	1.85	65.1	48.1%
		22	0.028	0.71	0.077	1.96	49.3	53.5%
		23	0.025	0.64	0.080	2.03	39.1	57.8%
		24	0.023	0.58	0.082	2.08	32.9	60.7%
		25	0.020	0.51	0.085	2.16	24.8	65.2%
		26	0.018	0.46	0.087	2.21	20.0	68.3%
		27	0.017	0.43	0.088	2.24	17.8	69.9%
		28	0.016	0.41	0.089	2.26	15.7	71.5%
10 **SQUARE MESH**		16	0.063	1.60	0.037	0.94	285.4	13.7%
		17	0.054	1.37	0.046	1.17	201.5	21.2%
		18	0.047	1.19	0.053	1.35	148.4	28.1%
		19	0.041	1.04	0.059	1.50	116.3	34.8%
		20	0.035	0.89	0.065	1.65	83.1	42.3%
		21	0.032	0.81	0.068	1.73	68.8	46.2%
		22	0.028	0.71	0.072	1.83	52.1	51.8%
	MG	23	0.025	0.64	0.075	1.91	41.2	56.3%
		24	0.023	0.58	0.077	1.96	34.7	59.3%
	ML	25	0.020	0.51	0.080	2.03	26.1	64.0%
		26	0.018	0.46	0.082	2.08	21.1	67.2%
		27	0.017	0.43	0.083	2.11	18.8	68.9%
		28	0.016	0.41	0.084	2.13	16.6	70.6%
		29	0.015	0.38	0.085	2.16	14.6	72.3%
11 **SQUARE MESH**		17	0.054	1.37	0.037	0.94	226.9	16.6%
		18	0.047	1.19	0.044	1.118	166.3	23.4%
		19	0.041	1.04	0.050	1.270	123.3	30.3%
		20	0.035	0.89	0.056	1.422	92.4	37.9%
		21	0.032	0.81	0.059	1.499	76.4	42.1%
		22	0.028	0.71	0.063	1.600	57.8	48.0%
		23	0.025	0.64	0.066	1.676	45.6	52.7%
		24	0.023	0.58	0.068	1.727	38.4	56.0%
		25	0.020	0.51	0.071	1.803	28.8	61.0%
	MG	26	0.018	0.46	0.073	1.854	23.3	64.5%
		27	0.017	0.43	0.074	1.880	20.7	66.3%
		28	0.016	0.41	0.075	1.905	18.3	68.1%
		29	0.015	0.38	0.076	1.930	16.1	69.9%

SQUARE MESH WIRE CLOTH

**Reference List*

Mesh per lineal inch	Grade Type	Industrial Wire Cloth Std. Guage No.	Diameter of Wires		Width of Opening		Weight, Pounds per 100 Sq.Ft., Steel	Open Area
			Inches	Millimeters	Inches	Millimeters		
12 **SQUARE MESH**		18	0.047	1.194	0.036	0.914	185.1	18.7%
		19	0.041	1.041	0.042	1.067	136.7	25.4%
		20	0.035	0.889	0.048	1.219	102.1	33.2%
		21	0.032	0.813	0.051	1.295	84.3	37.5%
		22	0.028	0.711	0.055	1.397	63.5	43.6%
		23	0.025	0.635	0.058	1.473	50.1	48.4%
	MG	24	0.023	0.584	0.060	1.524	42.2	51.8%
		25	0.020	0.508	0.063	1.600	31.6	57.2%
	ML	26	0.018	0.457	0.065	1.651	25.5	60.8%
		27	0.017	0.432	0.066	1.676	22.7	62.7%
		28	0.016	0.406	0.067	1.702	20.0	64.5%
		29	0.015	0.381	0.068	1.727	17.6	66.6%
		30	0.014	0.356	0.069	1.753	15.3	68.6%
13 **SQUARE MESH**		19	0.041	1.041	0.036	0.914	150.6	21.9%
		20	0.035	0.889	0.042	1.067	106.4	29.8%
		21	0.032	0.813	0.045	1.143	92.3	34.2%
		22	0.028	0.711	0.049	1.245	69.4	40.6%
		23	0.025	0.635	0.052	1.321	54.7	45.7%
		24	0.023	0.584	0.054	1.372	45.9	49.3%
		25	0.020	0.508	0.057	1.448	34.4	54.9%
		26	0.018	0.457	0.059	1.499	27.7	58.8%
		27	0.017	0.432	0.060	1.524	24.6	60.8%
		28	0.016	0.406	0.061	1.549	21.8	62.9%
		29	0.015	0.381	0.062	1.575	19.1	65.0%
		30	0.014	0.356	0.063	1.600	16.6	67.1%
14 **SQUARE MESH**		19	0.041	1.041	0.030	0.762	165.0	17.6%
		20	0.035	0.889	0.036	0.914	116.1	25.4%
		21	0.032	0.813	0.039	0.991	100.5	29.8%
		22	0.028	0.711	0.043	1.092	75.5	36.2%
		23	0.025	0.635	0.046	1.169	59.3	41.5%
		24	0.023	0.584	0.048	1.219	49.8	45.2%
	MG	25	0.020	0.508	0.051	1.296	37.2	51.0%
		26	0.018	0.457	0.053	1.346	29.9	55.1%
	ML	27	0.017	0.432	0.054	1.372	26.6	57.2%
		28	0.016	0.406	0.055	1.397	23.5	59.3%
		29	0.015	0.381	0.056	1.422	20.6	61.5%
		30	0.014	0.356	0.057	1.448	17.9	63.7%
		31	0.0135	0.343	0.0575	1.461	16.6	64.8%
		32	0.013	0.330	0.058	1.473	15.4	65.9%
		32.5	0.012	0.305	0.059	1.499	13.1	68.2%
		33	0.011	0.279	0.060	1.524	11.0	70.6%
		34	0.010	0.254	0.061	1.549	9.0	72.9%

SQUARE MESH WIRE CLOTH

**Reference List*

Mesh per lineal inch	Grade Type	Industrial Wire Cloth Std. Guage No.	Diameter of Wires		Width of Opening		Weight, Pounds per 100 Sq.Ft., Steel	Open Area
			Inches	Millimeters	Inches	Millimeters		
15 **SQUARE MESH**		19	0.041	1.041	0.026	0.660	180.0	15.2%
		20	0.035	0.889	0.032	0.813	126.2	23.0%
		21	0.032	0.813	0.035	0.889	103.6	27.6%
		22	0.028	0.711	0.039	0.991	77.6	34.2%
		23	0.025	0.635	0.042	1.067	64.1	39.7%
		24	0.023	0.584	0.044	1.118	53.7	43.6%
		25	0.020	0.508	0.047	1.194	40.1	49.7%
		26	0.018	0.457	0.049	1.245	32.2	54.0%
		27	0.017	0.432	0.050	1.270	28.6	56.3%
		28	0.016	0.406	0.051	1.295	25.3	58.5%
		29	0.015	0.381	0.052	1.321	22.1	60.8%
		30	0.014	0.356	0.053	1.346	19.2	63.2%
		31	0.0135	0.343	0.0535	1.359	17.9	64.4%
		32	0.013	0.330	0.054	1.372	16.5	65.6%
		32.5	0.012	0.305	0.055	1.397	14.1	68.1%
		33	0.011	0.279	0.056	1.422	11.8	69.3%
		34	0.010	0.254	0.057	1.448	9.7	71.8%
16 **SQUARE MESH**		19	0.041	1.041	0.0215	0.546	195.6	11.8%
		20	0.035	0.889	0.0275	0.699	136.6	19.4%
		21	0.032	0.813	0.0305	0.775	111.9	23.8%
		22	0.028	0.711	0.0345	0.876	83.6	30.5%
		23	0.025	0.635	0.0375	0.953	68.9	36.0%
		24	0.023	0.584	0.0395	1.003	57.7	39.9%
		25	0.020	0.508	0.0425	1.080	43.0	46.2%
	MG	26	0.018	0.457	0.0445	1.130	34.5	50.7%
		27	0.017	0.432	0.0455	1.156	30.7	53.0%
	ML	28	0.016	0.406	0.0465	1.181	27.1	55.4%
		29	0.015	0.381	0.0475	1.207	23.7	57.8%
		30	0.014	0.356	0.0485	1.232	20.6	60.2%
		31	0.0135	0.343	0.0490	1.245	19.1	61.5%
		32	0.013	0.330	0.0495	1.257	17.7	62.7%
		32.5	0.012	0.305	0.0505	1.283	15.0	65.3%
		33	0.011	0.279	0.0515	1.308	12.6	67.9%
		34	0.010	0.254	0.0525	1.333	10.4	70.6%
		35	0.0095	0.241	0.0530	1.346	9.4	71.9%
18 **SQUARE MESH**		20	0.035	0.889	0.0206	0.523	158.4	13.7%
		21	0.032	0.813	0.0236	0.599	129.4	18.0%
		22	0.028	0.711	0.0276	0.701	96.1	24.7%
		23	0.025	0.635	0.0306	0.777	75.0	30.3%
		24	0.023	0.584	0.0326	0.828	66.0	34.4%
		25	0.020	0.508	0.0356	0.904	49.0	41.1%
		26	0.018	0.457	0.0376	0.955	39.2	45.8%
Continued on next page	MG	27	0.017	0.432	0.0386	0.980	34.8	48.3%

SQUARE MESH WIRE CLOTH

**Reference List*

Mesh per lineal inch	Grade Type	Industrial Wire Cloth Std. Guage No.	Diameter of Wires		Width of Opening		Weight, Pounds per 100 Sq.Ft., Steel	Open Area
			Inches	Millimeters	Inches	Millimeters		
18 **SQUARE MESH**		28	0.016	0.406	0.0396	1.006	30.7	50.8%
	ML	29	0.015	0.381	0.0406	1.031	26.8	53.4%
		30	0.014	0.356	0.0416	1.057	23.3	56.1%
		31	0.0135	0.343	0.0421	1.069	21.6	57.4%
		32	0.013	0.330	0.0426	1.082	20.0	58.8%
		32.5	0.012	0.305	0.0436	1.107	17.0	61.6%
		33	0.011	0.279	0.0446	1.133	14.2	64.4%
		34	0.010	0.254	0.0456	1.158	11.7	67.4%
		35	0.0095	0.241	0.0461	1.171	10.5	68.9%
	TBC	36	0.009	0.229	0.0466	1.184	9.5	70.4%
20 **SQUARE MESH**		21	0.032	0.813	0.0180	0.457	147.9	13.0%
		22	0.028	0.711	0.0220	0.559	109.3	19.4%
		23	0.025	0.635	0.0250	0.635	85.0	25.0%
		24	0.023	0.584	0.0270	0.686	70.8	29.2%
		25	0.020	0.508	0.0300	0.762	55.2	36.0%
		26	0.018	0.457	0.0320	0.813	44.1	41.0%
		27	0.017	0.432	0.0330	0.838	39.1	43.6%
	MG	28	0.016	0.406	0.0340	0.864	34.4	46.2%
		29	0.015	0.381	0.0350	0.889	30.1	49.0%
	ML	30	0.014	0.356	0.0360	0.914	26.1	51.8%
		31	0.0135	0.343	0.0365	0.927	24.2	53.3%
		32	0.013	0.330	0.0370	0.940	22.4	54.8%
		32.5	0.012	0.305	0.0380	0.965	19.0	57.8%
		33	0.011	0.279	0.0390	0.991	15.9	60.8%
		34	0.010	0.254	0.0400	1.016	13.1	64.0%
		35	0.0095	0.241	0.0405	1.029	11.8	65.6%
	TBC	36	0.009	0.229	0.0410	1.041	10.5	67.2%
22 **SQUARE MESH**		22	0.028	0.711	0.0175	0.445	123.2	14.8%
		23	0.025	0.635	0.0205	0.521	95.4	20.3%
		24	0.023	0.584	0.0225	0.571	79.3	24.5%
		25	0.020	0.508	0.0255	0.648	58.5	31.5%
		26	0.018	0.457	0.0275	0.699	49.1	36.6%
		27	0.017	0.432	0.0285	0.724	43.5	39.3%
		28	0.016	0.406	0.0295	0.749	38.2	42.1%
		29	0.015	0.381	0.0305	0.775	33.4	45.0%
		30	0.014	0.356	0.0315	0.800	28.9	48.0%
	ML	31	0.0135	0.343	0.0320	0.813	26.8	49.6%
		32	0.013	0.330	0.0325	0.826	24.8	51.1%
		32.5	0.012	0.305	0.0335	0.851	21.0	54.3%
		33	0.011	0.279	0.0345	0.876	17.5	57.6%
		34	0.010	0.254	0.0355	0.902	14.4	61.0%
		35	0.0095	0.241	0.0360	0.914	13.0	62.7%
		36	0.009	0.229	0.0365	0.927	11.6	64.5%

SQUARE MESH WIRE CLOTH

**Reference List*

Mesh per lineal inch	Grade Type	Industrial Wire Cloth Std. Guage No.	Diameter of Wires		Width of Opening		Weight, Pounds per 100 Sq.Ft., Steel	Open Area
			Inches	Millimeters	Inches	Millimeters		
24 **SQUARE MESH**		23	0.025	0.635	0.0167	0.424	106.4	16.1%
		24	0.023	0.584	0.0187	0.475	88.2	20.1%
		25	0.020	0.508	0.0217	0.551	64.8	27.1%
		26	0.018	0.457	0.0237	0.602	51.5	32.4%
		27	0.017	0.432	0.0247	0.627	48.0	35.1%
		28	0.016	0.406	0.0257	0.653	42.1	38.0%
		29	0.015	0.381	0.0267	0.678	36.7	41.1%
	MG	30	0.014	0.356	0.0277	0.704	31.8	44.2%
		31	0.0135	0.343	0.0282	0.716	29.4	45.8%
	ML	32	0.013	0.330	0.0287	0.729	27.2	47.4%
		32.5	0.012	0.305	0.0297	0.754	23.0	50.8%
		33	0.011	0.279	0.0307	0.780	19.2	54.3%
		34	0.010	0.254	0.0317	0.805	15.8	57.9%
		35	0.0095	0.241	0.0322	0.818	14.2	59.7%
		36	0.009	0.229	0.0327	0.831	12.7	61.6%
		37	0.0085	0.216	0.0332	0.843	11.3	63.5%
		38	0.008	0.203	0.0337	0.856	10.0	65.4%
	TBC	39	0.0075	0.191	0.0342	0.869	8.8	67.4%
26 **SQUARE MESH**		25	0.020	0.508	0.0185	0.470	71.3	23.1%
		26	0.018	0.457	0.0205	0.521	56.6	28.4%
		27	0.017	0.432	0.0215	0.546	52.6	31.2%
		28	0.016	0.406	0.0225	0.572	46.1	34.2%
		29	0.015	0.381	0.0235	0.597	40.2	37.3%
		30	0.014	0.356	0.0245	0.622	34.7	40.6%
		31	0.0135	0.343	0.0250	0.635	32.1	42.3%
		32	0.013	0.330	0.0255	0.648	29.7	44.0%
		32.5	0.012	0.305	0.0265	0.673	25.1	47.5%
	ML	33	0.011	0.279	0.0275	0.699	20.9	51.1%
		34	0.010	0.254	0.0285	0.724	17.2	54.9%
		35	0.0095	0.241	0.0290	0.737	15.5	56.9%
		36	0.009	0.229	0.0295	0.749	13.8	58.8%
		37	0.0085	0.216	0.0300	0.762	12.3	60.8%
		38	0.008	0.203	0.0305	0.775	10.9	62.9%
	TBC	39	0.0075	0.191	0.0310	0.787	9.5	65.0%
28 **SQUARE MESH**		26	0.018	0.457	0.0177	0.450	61.8	24.6%
		27	0.017	0.432	0.0187	0.475	54.5	27.4%
		28	0.016	0.406	0.0197	0.500	50.3	30.4%
		29	0.015	0.381	0.0207	0.526	43.7	33.6%
		30	0.014	0.356	0.0217	0.551	37.7	36.9%
		31	0.0135	0.343	0.0222	0.564	34.9	38.6%
		32	0.013	0.330	0.0227	0.577	32.2	40.4%
		32.5	0.012	0.305	0.0237	0.602	27.2	44.0%

Continued on next page

SQUARE MESH WIRE CLOTH

**Reference List*

Mesh per lineal inch	Grade Type	Industrial Wire Cloth Std. Guage No.	Diameter of Wires		Width of Opening		Weight, Pounds per 100 Sq.Ft., Steel	Open Area
			Inches	Millimeters	Inches	Millimeters		
28 SQUARE MESH	ML	33	0.011	0.279	0.0247	0.627	22.7	47.8%
		34	0.010	0.254	0.0257	0.653	18.6	51.8%
		35	0.0095	0.241	0.0262	0.666	16.7	53.8%
		36	0.009	0.229	0.0267	0.678	15.0	55.9%
		37	0.0085	0.216	0.0272	0.691	13.3	58.0%
		38	0.008	0.203	0.0277	0.704	11.8	60.2%
	TBC	39	0.0075	0.191	0.0282	0.716	10.3	62.3%
30 SQUARE MESH		27	0.017	0.432	0.0163	0.414	59.2	23.9%
		28	0.016	0.406	0.0173	0.439	51.8	26.9%
		29	0.015	0.381	0.0183	0.465	47.4	30.1%
		30	0.014	0.356	0.0193	0.490	40.8	33.5%
		31	0.0135	0.343	0.0198	0.503	37.8	35.3%
	MG	32	0.013	0.330	0.0203	0.516	34.8	37.1%
		32.5	0.012	0.305	0.0213	0.541	29.4	40.8%
		33	0.011	0.279	0.0223	0.566	24.5	44.8%
		34	0.010	0.254	0.0233	0.592	20.0	48.9%
	ML	35	0.0095	0.241	0.0238	0.605	18.0	51.0%
		36	0.009	0.229	0.0243	0.617	16.1	53.1%
		37	0.0085	0.216	0.0248	0.630	14.3	55.4%
		38	0.008	0.203	0.0253	0.643	12.6	57.6%
		39	0.0075	0.191	0.0258	0.655	11.1	59.9%
32 SQUARE MESH		28	0.016	0.406	0.0153	0.389	56.0	24.0%
		29	0.015	0.381	0.0163	0.414	48.6	27.2%
		30	0.014	0.356	0.0173	0.439	44.0	30.6%
		31	0.0135	0.343	0.0178	0.452	40.7	32.4%
		32	0.013	0.330	0.0183	0.465	37.5	34.3%
		32.5	0.012	0.305	0.0193	0.490	31.6	38.1%
		33	0.011	0.279	0.0203	0.516	26.3	42.2%
		34	0.010	0.254	0.0213	0.541	21.5	46.5%
		35	0.0095	0.241	0.0218	0.554	19.3	48.7%
	ML	36	0.009	0.229	0.0223	0.566	17.3	50.9%
		37	0.0085	0.216	0.0228	0.579	15.3	53.2%
		38	0.008	0.203	0.0233	0.592	13.5	55.6%
		39	0.0075	0.191	0.0238	0.605	11.8	58.0%
		40	0.007	0.178	0.0243	0.617	10.3	60.5%
35 SQUARE MESH		28	0.016	0.406	0.0126	0.320	62.4	19.4%
		29	0.015	0.381	0.0136	0.345	54.1	22.7%
		30	0.014	0.356	0.0146	0.371	46.5	26.1%
		31	0.0135	0.343	0.0151	0.384	45.2	27.9%
		32	0.013	0.330	0.0156	0.396	41.6	29.8%
		32.5	0.012	0.305	0.0166	0.422	35.0	33.8%
	MG	33	0.011	0.279	0.0176	0.447	29.0	37.9%

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SQUARE MESH WIRE CLOTH

**Reference List*

Mesh per lineal inch	Grade Type	Industrial Wire Cloth Std. Guage No.	Diameter of Wires		Width of Opening		Weight, Pounds per 100 Sq.Ft., Steel	Open Area
			Inches	Millimeters	Inches	Millimeters		
35 SQUARE MESH		34	0.010	0.254	0.0186	0.472	23.7	42.4%
		35	0.0095	0.241	0.0191	0.485	21.3	44.7%
		36	0.009	0.229	0.0196	0.498	19.0	47.1%
		37	0.0085	0.216	0.0201	0.511	16.9	49.5%
		38	0.008	0.203	0.0206	0.523	14.9	52.0%
		39	0.0075	0.191	0.0211	0.536	13.0	54.5%
		40	0.007	0.178	0.0216	0.549	11.3	57.2%
38 SQUARE MESH		30	0.014	0.356	0.0123	0.312	51.3	21.8%
		31	0.0135	0.343	0.0128	0.325	47.3	23.7%
		32	0.013	0.330	0.0133	0.338	43.6	25.5%
		32.5	0.012	0.305	0.0143	0.363	38.5	29.5%
		33	0.011	0.279	0.0153	0.389	31.9	33.8%
		34	0.010	0.254	0.0163	0.414	26.0	38.4%
		35	0.0095	0.241	0.0168	0.427	23.3	40.8%
		36	0.009	0.229	0.0173	0.439	20.8	43.2%
	ML	37	0.0085	0.216	0.0178	0.452	18.5	45.8%
		38	0.008	0.203	0.0183	0.465	16.3	48.4%
		39	0.0075	0.191	0.0188	0.478	14.2	51.0%
		40	0.007	0.178	0.0193	0.490	12.3	53.8%
40 SQUARE MESH		31	0.0135	0.343	0.0115	0.292	53.0	21.2%
		32	0.013	0.330	0.0120	0.305	48.8	23.0%
		32.5	0.012	0.305	0.0130	0.330	40.9	27.0%
		33	0.011	0.279	0.0140	0.356	33.8	31.4%
	MG	34	0.010	0.254	0.0150	0.381	27.6	36.0%
		35	0.0095	0.241	0.0155	0.394	24.7	38.4%
		36	0.009	0.229	0.0160	0.406	22.0	41.0%
	ML	37	0.0085	0.216	0.0165	0.419	19.5	43.6%
		38	0.008	0.203	0.0170	0.432	17.2	46.2%
		39	0.0075	0.191	0.0175	0.445	15.0	49.0%
		40	0.007	0.178	0.0180	0.547	13.0	51.8%
42 SQUARE MESH		31	0.0135	0.343	0.0103	0.262	53.5	18.7%
		32	0.013	0.330	0.0108	0.274	51.8	20.6%
		32.5	0.012	0.305	0.0118	0.300	43.4	24.6%
		33	0.011	0.279	0.0128	0.325	35.8	28.9%
		34	0.010	0.254	0.0138	0.351	29.2	33.6%
		35	0.0095	0.241	0.0143	0.363	26.1	36.1%
		36	0.009	0.229	0.0148	0.376	23.3	38.6%

SQUARE MESH WIRE CLOTH

**Reference List*

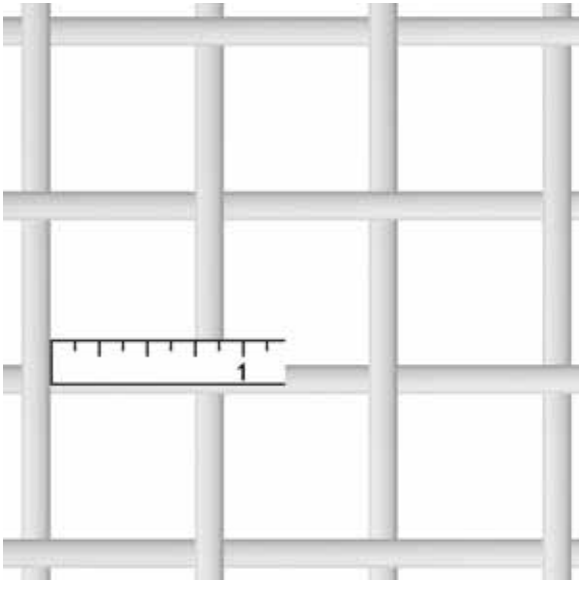
Mesh per lineal inch	Grade Type	Industrial Wire Cloth Std. Guage No.	Diameter of Wires		Width of Opening		Weight, Pounds per 100 Sq.Ft., Steel	Open Area
			Inches	Millimeters	Inches	Millimeters		
45 SQUARE MESH		32	0.013	0.330	0.0092	0.234	53.6	17.1%
		32.5	0.012	0.305	0.0102	0.259	44.8	21.1%
		33	0.011	0.279	0.0112	0.284	36.9	25.4%
		34	0.010	0.254	0.0122	0.310	31.6	30.1%
		35	0.0095	0.241	0.0127	0.323	28.3	32.7%
		36	0.009	0.229	0.0132	0.335	25.2	35.3%
		37	0.0085	0.216	0.0137	0.348	22.3	38.0%
	ML	38	0.008	0.203	0.0142	0.361	19.6	40.8%
		39	0.0075	0.191	0.0147	0.373	17.1	43.8%
50 SQUARE MESH		32.5	0.012	0.305	0.0080	0.203	51.1	16.0%
		33	0.011	0.279	0.0090	0.229	42.0	20.3%
		34	0.010	0.254	0.0100	0.254	34.0	25.0%
		35	0.0095	0.241	0.0105	0.267	32.0	27.6%
	MG	36	0.009	0.229	0.0110	0.279	28.4	30.3%
		37	0.0085	0.216	0.0115	0.292	25.1	33.1%
		38	0.008	0.203	0.0120	0.305	22.1	36.0%
	ML	39	0.0075	0.191	0.0125	0.318	19.2	39.1%
55 SQUARE MESH		33	0.011	0.279	0.0072	0.183	47.3	15.7%
		34	0.010	0.254	0.0082	0.208	38.2	20.3%
		35	0.0095	0.241	0.0087	0.221	34.0	22.9%
		36	0.009	0.229	0.0092	0.234	30.2	25.6%
		37	0.0085	0.216	0.0097	0.246	28.1	28.5%
		38	0.008	0.203	0.0102	0.259	24.6	31.5%
		39	0.0075	0.191	0.0107	0.272	21.4	34.6%
	ML	40	0.007	0.178	0.0112	0.284	18.5	37.9%
60 SQUARE MESH		33	0.011	0.279	0.0057	0.145	52.9	11.7%
		34	0.010	0.254	0.0067	0.170	42.6	16.2%
		35	0.0095	0.241	0.0072	0.183	37.9	18.7%
		36	0.009	0.229	0.0077	0.196	33.5	21.3%
		37	0.0085	0.216	0.0082	0.208	29.6	24.2%
		38	0.008	0.203	0.0087	0.221	27.3	27.2%
	MG	39	0.0075	0.191	0.0092	0.234	23.7	30.5%
		40	0.007	0.178	0.0097	0.246	20.4	33.9%
	ML		0.0065	0.165	0.0102	0.259	17.7	37.5%
			0.006	0.152	0.0107	0.272	14.4	41.2%

SQUARE MESH WIRE CLOTH

**Reference List*

Mesh per lineal inch	Grade Type	Industrial Wire Cloth Std. Guage No.	Diameter of Wires		Width of Opening		Weight, Pounds per 100 Sq.Ft., Steel	Open Area
			Inches	Millimeters	Inches	Millimeters		
65 **SQUARE MESH**		39	0.0075	0.191	0.0079	0.201	26.0	26.4%
		40	0.007	0.178	0.0084	0.213	22.4	29.8%
			0.0065	0.165	0.0089	0.226	19.1	33.5%
70 **SQUARE MESH**		36	0.009	0.229	0.0053	0.135	40.7	13.8%
		37	0.0085	0.216	0.0058	0.147	35.8	16.5%
		38	0.008	0.203	0.0063	0.160	31.3	19.4%
		39	0.0075	0.191	0.0068	0.173	27.1	22.7%
		40	0.007	0.178	0.0073	0.185	23.3	26.1%
			0.0065	0.165	0.0078	0.198	20.8	29.8%
			0.006	0.152	0.0083	0.211	17.5	33.8%
75 **SQUARE MESH**		40	0.007	0.178	0.0063	0.160	25.3	22.3%
			0.0065	0.165	0.0068	0.173	22.6	26.0%
			0.006	0.152	0.0073	0.185	19.0	30.0%
80 **SQUARE MESH**		39	0.0075	0.191	0.0050	0.127	31.9	16.0%
		40	0.007	0.178	0.0055	0.140	27.4	19.4%
			0.0065	0.165	0.0060	0.152	23.2	23.0%
	MG		0.006	0.152	0.0065	0.165	20.4	27.0%
			0.0055	0.140	0.0070	0.178	16.9	31.4%
			0.005	0.127	0.0075	0.191	13.8	36.0%
90 **SQUARE MESH**			0.006	0.152	0.0051	0.130	22.4	21.1%
			0.0055	0.140	0.0056	0.142	18.4	25.4%
			0.005	0.127	0.0061	0.155	15.8	30.1%
100 **SQUARE MESH**	MG		0.005	0.127	0.0050	0.127	17.0	25.0%
			0.0045	0.114	0.0055	0.140	14.2	30.3%
			0.004	0.102	0.0060	0.152	11.0	36.0%
			0.0035	0.089	0.0065	0.165	8.3	42.3%
			0.003	0.076	0.0070	0.178	6.0	49.0%

SQUARE MESH WIRE CLOTH BY DECIMAL OPENING



Square Space Cloth is the opening in inches or fractions thereof, between the inside edges of any two parallel wires. In the illustration above, a ruler is used to show 3/4” square space (clear opening between inside edges of wires).

SQUARE MESH WIRE CLOTH

by decimal opening

**Reference List*

Width of Opening		Mesh	Diameter of Wire		Weight, Pounds per 100 Sq. Ft., Steel	Open Area
Inches	Millimeters		Inches	Millimeters		
0.937	23.80	1" *	0.063	1.60	25.5	87.8%
0.928	23.57	1" *	0.072	1.83	33.3	86.1%
0.920	23.37	1" *	0.080	2.03	41.1	84.6%
0.908	23.06	1" *	0.092	2.34	54.4	82.4%
0.895	22.73	1" *	0.105	2.67	71.0	80.1%
0.880	22.35	1" *	0.120	3.05	92.8	77.4%
0.865	21.97	1" *	0.135	3.43	117.7	74.8%
0.852	21.64	1" *	0.148	3.76	141.7	72.6%
0.838	21.29	1" *	0.162	4.11	170.2	70.2%
0.823	20.90	1" *	0.177	4.50	203.7	67.7%
0.808	20.52	1" *	0.192	4.88	240.3	65.3%
0.793	20.14	1" *	0.207	5.26	280.1	62.9%
0.775	19.68	1" *	0.225	5.72	332.1	60.1%
0.750	19.05	1" *	0.250	6.35	412.4	56.3%
0.737	18.72	1" *	0.263	6.68	457.9	54.3%
0.717	18.21	1" *	0.283	7.19	532.8	51.4%
0.696	17.68	3/4" *	0.054	1.37	24.9	86.1%
0.693	17.60	1" *	0.307	7.80	631.2	48.0%
0.687	17.45	3/4" *	0.063	1.60	34.0	83.9%
0.678	17.22	3/4" *	0.072	1.83	44.5	81.7%
0.670	17.02	3/4" *	0.080	2.03	54.9	79.8%
0.669	16.99	1" *	0.331	8.41	738.7	44.8%
0.658	16.71	3/4" *	0.092	2.34	72.8	76.9%
0.645	16.38	3/4" *	0.105	2.67	95.0	73.9%
0.630	16.00	3/4" *	0.120	3.05	124.4	70.5%
0.615	15.62	3/4" *	0.135	3.43	158.1	67.2%
0.602	15.29	3/4" *	0.148	3.76	190.5	64.4%
0.588	14.94	3/4" *	0.162	4.11	229.2	61.4%
0.578	14.68	5/8" *	0.047	1.19	22.7	85.5%
0.573	14.55	3/4" *	0.177	4.50	274.7	58.3%
0.571	14.50	5/8" *	0.054	1.37	30.0	83.5%
0.562	14.27	5/8" *	0.063	1.60	40.9	80.9%
0.558	14.17	3/4" *	0.192	4.88	324.8	55.3%
0.553	14.05	5/8" *	0.072	1.83	53.5	78.3%
0.545	13.84	5/8" *	0.080	2.03	66.1	76.0%
0.543	13.79	3/4" *	0.207	5.26	379.4	52.4%
0.533	13.54	5/8" *	0.092	2.34	87.9	72.7%
0.525	13.34	3/4" *	0.225	5.72	451.0	49.0%
0.520	13.21	5/8" *	0.105	2.67	114.5	69.2%
0.505	12.83	5/8" *	0.120	3.05	150.2	65.3%
0.500	12.70	3/4" *	0.250	6.35	562.3	44.4%
0.490	12.45	5/8" *	0.135	3.43	191.0	61.5%
0.487	12.37	3/4" *	0.263	6.68	625.6	41.2%
0.477	12.12	5/8" *	0.148	3.76	230.5	58.3%
0.467	11.86	3/4" *	0.283	7.19	730.3	38.8%
0.465	11.81	2	0.035	0.89	15.7	86.5%
0.463	11.76	5/8" *	0.162	4.11	277.7	54.9%
0.459	11.66	2	0.041	1.04	21.6	84.3%

* Measured Center to Center of Wire - Not Clear Opening.

SQUARE MESH WIRE CLOTH

by decimal opening

**Reference List*

Width of Opening		Mesh	Diameter of Wire		Weight, Pounds per 100 Sq. Ft., Steel	Open Area
Inches	Millimeters		Inches	Millimeters		
0.453	11.51	2	0.047	1.19	28.4	82.1%
0.448	11.38	5/8" *	0.177	4.50	333.5	51.4%
0.446	11.33	2	0.054	1.37	37.6	79.6%
0.443	11.25	3/4" *	0.307	7.80	805.4	34.9%
0.437	11.10	2	0.063	1.60	51.2	76.4%
0.433	11.00	5/8" *	0.192	4.88	395.0	48.0%
0.428	10.87	2	0.072	1.83	67.1	73.3%
0.420	10.67	2	0.080	2.03	83.0	70.6%
0.418	10.62	5/8" *	0.207	5.26	462.4	44.7%
0.409	10.39	2- 1/4	0.035	0.89	17.7	84.7%
0.408	10.36	2	0.092	2.34	110.2	66.6%
0.403	10.24	2- 1/4	0.041	1.04	24.3	82.2%
0.400	10.16	5/8" *	0.225	5.72	551.0	41.0%
0.397	10.08	2- 1/4	0.047	1.19	32.0	79.8%
0.395	10.03	2	0.105	2.67	144.2	62.4%
0.390	9.91	2- 1/4	0.054	1.37	42.3	77.0%
0.381	9.68	2- 1/4	0.063	1.60	57.8	73.5%
0.380	9.65	2	0.120	3.05	189.6	57.8%
0.375	9.53	5/8" *	0.250	6.35	689.4	36.0%
0.372	9.45	2- 1/4	0.072	1.83	75.7	70.1%
0.365	9.27	2	0.135	3.43	241.7	53.3%
0.365	9.27	2- 1/2	0.035	0.89	19.7	83.3%
0.364	9.25	2- 1/4	0.080	2.03	93.7	67.1%
0.362	9.19	5/8" *	0.263	6.68	768.6	33.5%
0.359	9.12	2- 1/2	0.041	1.04	27.0	80.6%
0.353	8.97	2- 1/2	0.047	1.19	35.6	77.9%
0.352	8.94	2	0.148	3.76	292.4	49.6%
0.352	8.94	2- 1/4	0.092	2.34	124.5	62.7%
0.346	8.79	2- 1/2	0.054	1.37	47.1	74.8%
0.342	8.69	5/8" *	0.283	7.19	900.4	30.0%
0.339	8.61	2- 1/4	0.105	2.67	163.2	58.2%
0.338	8.59	2	0.162	4.11	353.3	45.7%
0.337	8.56	2- 1/2	0.063	1.60	64.3	71.0%
0.329	8.36	2- 3/4	0.035	0.89	21.7	81.9%
0.328	8.33	2- 1/2	0.072	1.83	84.3	67.2%
0.324	8.23	2- 1/4	0.120	3.05	214.8	53.1%
0.323	8.20	2	0.177	4.50	425.4	41.7%
0.323	8.20	2- 3/4	0.041	1.04	29.8	78.9%
0.320	8.13	2- 1/2	0.080	2.03	104.4	64.0%
0.317	8.05	2- 3/4	0.047	1.19	39.2	76.0%
0.310	7.87	2- 3/4	0.054	1.37	51.9	72.7%
0.309	7.85	2- 1/4	0.135	3.43	274.3	48.3%
0.308	7.82	2	0.192	4.88	505.5	37.9%
0.308	7.82	2- 1/2	0.092	2.34	139.0	59.3%
0.301	7.65	2- 3/4	0.063	1.60	70.9	68.5%
0.301	7.65	3	0.032	0.81	19.7	81.5%
0.298	7.57	3	0.035	0.89	23.7	79.9%
0.296	7.52	2- 1/4	0.148	3.76	332.5	44.4%

* Measured Center to Center of Wire - Not Clear Opening.

SQUARE MESH WIRE CLOTH

by decimal opening

**Reference List*

Width of Opening		Mesh	Diameter of Wire		Weight, Pounds per 100 Sq. Ft., Steel	Open Area
Inches	Millimeters		Inches	Millimeters		
0.295	7.49	2- 1/2	0.105	2.67	182.4	54.4%
0.293	7.44	2	0.207	5.26	593.8	34.3%
0.292	7.42	2- 3/4	0.072	1.83	93.0	64.5%
0.292	7.42	3	0.041	1.04	32.5	76.7%
0.286	7.26	3	0.047	1.19	42.8	73.6%
0.284	7.21	2- 3/4	0.080	2.03	115.3	61.0%
0.282	7.16	2- 1/4	0.162	4.11	402.3	40.3%
0.280	7.11	2- 1/2	0.120	3.05	240.6	49.0%
0.279	7.09	3	0.054	1.37	56.7	70.1%
0.276	7.01	3- 1/4	0.032	0.81	21.4	80.5%
0.275	6.99	2	0.225	5.72	710.6	30.3%
0.273	6.93	3- 1/4	0.035	0.89	25.6	78.7%
0.272	6.91	2- 3/4	0.092	2.34	153.7	56.0%
0.270	6.86	3	0.063	1.60	77.6	65.6%
0.267	6.78	2- 1/4	0.177	4.50	485.7	36.1%
0.267	6.78	3- 1/4	0.041	1.04	35.3	75.3%
0.265	6.73	2- 1/2	0.135	3.43	307.8	43.9%
0.261	6.63	3	0.072	1.83	101.9	61.3%
0.261	6.63	3- 1/4	0.047	1.19	46.5	72.0%
0.259	6.58	2- 3/4	0.105	2.67	202.0	50.7%
0.254	6.45	3- 1/4	0.054	1.37	61.6	68.1%
0.254	6.45	3- 1/2	0.032	0.81	23.1	79.0%
0.253	6.43	3	0.080	2.03	126.4	57.6%
0.252	6.40	2- 1/4	0.192	4.88	578.4	32.2%
0.252	6.40	2- 1/2	0.148	3.76	373.7	39.7%
0.251	6.38	3- 1/2	0.035	0.89	27.6	77.2%
0.250	6.35	2	0.250	6.35	894.6	25.0%
0.245	6.22	3- 1/4	0.063	1.60	84.3	63.4%
0.245	6.22	3- 1/2	0.041	1.04	38.1	73.5%
0.244	6.20	2- 3/4	0.120	3.05	267.0	45.0%
0.241	6.12	3	0.092	2.34	168.7	52.3%
0.239	6.07	3- 1/2	0.047	1.19	50.2	70.0%
0.238	6.05	2- 1/2	0.162	4.11	453.1	35.4%
0.237	6.02	2- 1/4	0.207	5.26	680.9	28.4%
0.236	5.99	3- 1/4	0.072	1.83	110.8	58.8%
0.235	5.97	3- 3/4	0.032	0.81	24.8	77.7%
0.232	5.89	3- 1/2	0.054	1.37	66.5	65.9%
0.232	5.89	3- 3/4	0.035	0.89	29.7	75.7%
0.229	5.82	2- 3/4	0.135	3.43	342.2	39.7%
0.228	5.79	3	0.105	2.67	222.0	46.8%
0.228	5.79	3- 1/4	0.080	2.03	137.6	54.9%
0.226	5.74	3- 3/4	0.041	1.04	40.8	71.8%
0.225	5.72	4	0.025	0.64	16.1	81.0%
0.223	5.66	2- 1/2	0.177	4.50	548.2	31.1%
0.223	5.66	3- 1/2	0.063	1.60	91.1	60.9%
0.222	5.64	4	0.028	0.71	20.2	78.9%
0.220	5.59	3- 3/4	0.047	1.19	53.8	68.1%
0.219	5.56	2- 1/4	0.225	5.72	817.1	24.3%

SQUARE MESH WIRE CLOTH

by decimal opening

**Reference List*

Width of Opening		Mesh	Diameter of Wire		Weight, Pounds per 100 Sq. Ft., Steel	Open Area
Inches	Millimeters		Inches	Millimeters		
0.218	5.54	4	0.032	0.81	26.4	76.0%
0.216	5.49	2- 3/4	0.148	3.76	416.3	35.3%
0.216	5.49	3- 1/4	0.092	2.34	183.8	49.3%
0.215	5.46	4	0.035	0.89	31.7	74.0%
0.214	5.44	3- 1/2	0.072	1.83	119.8	56.1%
0.213	5.41	3	0.120	3.05	293.9	40.8%
0.213	5.41	3- 3/4	0.054	1.37	71.4	63.8%
0.209	5.31	4	0.041	1.04	43.6	69.9%
0.208	5.28	2- 1/2	0.192	4.88	654.4	27.0%
0.206	5.23	3- 1/2	0.080	2.03	148.9	52.0%
0.204	5.18	3- 3/4	0.063	1.60	97.9	58.5%
0.203	5.16	3- 1/4	0.105	2.67	242.4	43.5%
0.203	5.16	4	0.047	1.19	57.6	65.9%
0.202	5.13	2- 3/4	0.162	4.11	505.8	30.9%
0.198	5.03	3	0.135	3.43	377.6	35.3%
0.197	5.00	4- 1/2	0.025	0.64	18.1	78.6%
0.196	4.98	4	0.054	1.37	76.4	61.5%
0.195	4.95	3- 3/4	0.072	1.83	128.9	53.5%
0.194	4.93	4- 1/2	0.028	0.71	22.8	76.2%
0.194	4.93	3- 1/2	0.092	2.34	199.3	46.1%
0.193	4.90	2- 1/2	0.207	5.26	772.2	23.3%
0.190	4.83	4- 1/2	0.032	0.81	29.8	73.1%
0.188	4.78	3- 1/4	0.120	3.05	621.6	37.3%
0.187	4.75	2- 3/4	0.177	4.50	613.4	26.4%
0.187	4.75	3- 3/4	0.080	2.03	160.4	49.2%
0.187	4.75	4	0.063	1.60	104.8	56.0%
0.187	4.75	4- 1/2	0.035	0.89	35.7	70.8%
0.185	4.70	3	0.148	3.76	460.2	30.8%
0.181	4.60	3- 1/2	0.105	2.67	263.2	40.1%
0.181	4.60	4- 1/2	0.041	1.04	49.2	66.3%
0.178	4.52	4	0.072	1.83	138.2	50.7%
0.177	4.50	5	0.023	0.58	17.0	78.3%
0.175	4.45	2- 1/2	0.225	5.72	929.3	19.1%
0.175	4.45	3- 3/4	0.092	2.34	215.0	43.1%
0.175	4.45	4- 1/2	0.047	1.19	65.0	62.0%
0.175	4.45	5	0.025	0.64	20.2	76.6%
0.173	4.39	3- 1/4	0.135	3.43	414.0	31.6%
0.172	4.37	5	0.028	0.71	25.3	74.0%
0.171	4.34	3	0.162	4.11	560.4	26.3%
0.170	4.32	4	0.080	2.03	172.1	46.2%
0.168	4.27	4- 1/2	0.054	1.37	86.4	57.2%
0.168	4.27	5	0.032	0.81	33.2	70.6%
0.166	4.22	3- 1/2	0.120	3.05	349.9	33.8%
0.165	4.19	5	0.035	0.89	39.8	68.1%
0.162	4.11	3- 3/4	0.105	2.67	284.5	36.9%
0.160	4.06	3- 1/4	0.148	3.76	505.6	27.0%
0.159	4.04	4- 1/2	0.063	1.60	118.9	51.2%
0.159	4.04	5	0.041	1.04	54.9	63.2%

SQUARE MESH WIRE CLOTH

by decimal opening

**Reference List*

Width of Opening		Mesh	Diameter of Wire		Weight, Pounds per 100 Sq. Ft., Steel	Open Area
Inches	Millimeters		Inches	Millimeters		
0.159	4.04	5- 1/2	0.023	0.58	18.8	76.5%
0.158	4.01	4	0.092	2.34	231.0	39.9%
0.157	3.99	5- 1/2	0.025	0.64	22.2	74.6%
0.154	3.91	5- 1/2	0.028	0.71	27.9	71.7%
0.153	3.89	5	0.047	1.19	72.6	58.5%
0.151	3.84	3- 1/2	0.135	3.43	429.0	27.9%
0.150	3.81	4- 1/2	0.072	1.83	157.0	45.6%
0.150	3.81	5- 1/2	0.032	0.81	36.6	68.1%
0.147	3.73	3- 3/4	0.120	3.05	360.1	30.4%
0.147	3.73	6	0.020	0.51	15.5	77.8%
0.147	3.73	5- 1/2	0.035	0.89	43.9	65.4%
0.146	3.71	5	0.054	1.37	96.7	53.3%
0.145	3.68	4	0.105	2.67	306.2	33.6%
0.144	3.66	6	0.023	0.58	20.5	74.7%
0.142	3.61	4- 1/2	0.080	2.03	195.9	40.8%
0.142	3.61	6	0.025	0.64	24.3	72.6%
0.141	3.58	5- 1/2	0.041	1.04	60.7	60.1%
0.139	3.53	6	0.028	0.71	30.5	69.6%
0.138	3.51	3- 1/2	0.148	3.76	525.0	23.3%
0.137	3.48	5	0.063	1.60	133.2	46.9%
0.135	3.43	5- 1/2	0.047	1.19	80.3	55.1%
0.135	3.43	6	0.032	0.81	40.0	65.6%
0.134	3.40	6- 1/2	0.020	0.51	16.8	75.9%
0.132	3.35	3- 3/4	0.135	3.43	465.9	24.5%
0.132	3.35	6	0.035	0.89	48.1	62.7%
0.131	3.33	6- 1/2	0.023	0.58	22.3	72.5%
0.130	3.30	4	0.120	3.05	388.6	27.0%
0.130	3.30	4- 1/2	0.092	2.34	263.9	34.2%
0.129	3.28	6- 1/2	0.025	0.64	26.3	70.3%
0.128	3.25	5	0.072	1.83	176.4	41.0%
0.128	3.25	5- 1/2	0.054	1.37	107.1	49.6%
0.126	3.20	6	0.041	1.04	66.5	57.2%
0.126	3.20	6- 1/2	0.028	0.71	33.2	67.1%
0.125	3.18	7	0.018	0.46	14.6	76.6%
0.123	3.12	7	0.020	0.51	18.1	74.1%
0.122	3.10	6- 1/2	0.032	0.81	43.5	62.9%
0.120	3.05	5	0.080	2.03	220.6	36.0%
0.120	3.05	6	0.047	1.19	88.2	51.8%
0.120	3.05	7	0.023	0.58	24.0	70.6%
0.119	3.02	3- 3/4	0.148	3.76	571.3	19.9%
0.119	3.02	5- 1/2	0.063	1.60	147.9	42.8%
0.119	3.02	6- 1/2	0.035	0.89	52.3	59.8%
0.118	3.00	7	0.025	0.64	28.4	68.2%
0.117	2.97	4- 1/2	0.105	2.67	333.7	27.7%
0.115	2.92	4	0.135	3.43	503.8	21.2%
0.115	2.92	7	0.028	0.71	35.8	64.8%
0.115	2.92	7- 1/2	0.018	0.46	15.7	74.4%
0.113	2.87	6	0.054	1.37	117.7	46.0%

SQUARE MESH WIRE CLOTH

by decimal opening

**Reference List*

Width of Opening		Mesh	Diameter of Wire		Weight, Pounds per 100 Sq. Ft., Steel	Open Area
Inches	Millimeters		Inches	Millimeters		
0.113	2.87	6- 1/2	0.041	1.04	72.4	53.0%
0.113	2.87	7- 1/2	0.020	0.51	19.4	71.8%
0.111	2.82	7	0.032	0.81	47.0	60.4%
0.110	2.79	5- 1/2	0.072	1.83	196.3	36.6%
0.110	2.79	7- 1/2	0.023	0.58	25.8	68.1%
0.108	2.74	5	0.092	2.34	283.4	29.2%
0.108	2.74	7	0.035	0.89	56.5	57.2%
0.108	2.74	7- 1/2	0.025	0.64	30.5	65.6%
0.108	2.74	8	0.017	0.43	14.9	74.6%
0.107	2.72	6- 1/2	0.047	1.19	96.1	48.4%
0.107	2.72	8	0.018	0.46	16.8	73.3%
0.105	2.67	7- 1/2	0.028	0.71	38.4	62.0%
0.105	2.67	8	0.020	0.51	20.7	70.6%
0.104	2.64	6	0.063	1.60	163.0	38.9%
0.102	2.59	4	0.148	3.76	619.1	16.6%
0.102	2.59	4- 1/2	0.120	3.05	447.9	21.1%
0.102	2.59	5- 1/2	0.080	2.03	233.9	31.5%
0.102	2.59	7	0.041	1.04	78.4	51.0%
0.102	2.59	8	0.023	0.58	27.5	66.6%
0.101	2.57	7- 1/2	0.032	0.81	50.6	57.4%
0.101	2.57	8- 1/2	0.017	0.43	15.9	73.7%
0.100	2.54	6- 1/2	0.054	1.37	128.6	42.3%
0.100	2.54	8	0.025	0.64	32.6	64.0%
0.100	2.54	8- 1/2	0.018	0.46	17.8	72.3%
0.098	2.49	7- 1/2	0.035	0.89	60.8	54.0%
0.098	2.49	8- 1/2	0.020	0.51	22.1	69.4%
0.097	2.46	8	0.028	0.71	41.1	60.2%
0.096	2.44	7	0.047	1.19	104.2	45.2%
0.095	2.41	5	0.105	2.67	378.7	22.6%
0.095	2.41	6	0.072	1.83	216.9	32.5%
0.095	2.41	8- 1/2	0.023	0.58	29.3	65.2%
0.095	2.41	9	0.016	0.41	14.9	73.1%
0.094	2.39	9	0.017	0.43	16.8	71.6%
0.093	2.36	8	0.032	0.81	54.1	55.4%
0.093	2.36	8- 1/2	0.025	0.64	34.8	62.5%
0.093	2.36	9	0.018	0.46	18.9	70.1%
0.092	2.34	7- 1/2	0.041	1.04	84.4	47.6%
0.091	2.31	6- 1/2	0.063	1.60	169.6	35.0%
0.091	2.31	9	0.020	0.51	23.4	67.1%
0.090	2.29	5- 1/2	0.092	2.34	317.3	24.5%
0.090	2.29	8	0.035	0.89	65.1	51.8%
0.090	2.29	8- 1/2	0.028	0.71	43.8	58.5%
0.089	2.26	7	0.054	1.37	139.7	38.8%
0.089	2.26	9- 1/2	0.016	0.41	15.7	71.5%
0.088	2.24	9	0.023	0.58	31.1	62.7%
0.088	2.24	9- 1/2	0.017	0.43	17.8	69.9%
0.087	2.21	6	0.080	2.03	259.1	27.2%
0.087	2.21	9- 1/2	0.018	0.46	20.0	68.3%

SQUARE MESH WIRE CLOTH

by decimal opening

**Reference List*

Width of Opening		Mesh	Diameter of Wire		Weight, Pounds per 100 Sq. Ft., Steel	Open Area
Inches	Millimeters		Inches	Millimeters		
0.086	2.18	7- 1/2	0.047	1.19	112.5	41.6%
0.086	2.18	8- 1/2	0.032	0.81	57.7	53.4%
0.086	2.18	9	0.025	0.64	36.9	59.9%
0.085	2.16	9- 1/2	0.020	0.51	24.8	65.2%
0.085	2.16	10	0.015	0.38	14.6	72.3%
0.084	2.13	8	0.041	1.04	90.6	45.2%
0.084	2.13	10	0.016	0.41	16.6	70.6%
0.083	2.11	8- 1/2	0.035	0.89	69.5	49.8%
0.083	2.11	9	0.028	0.71	46.6	55.8%
0.083	2.11	10	0.017	0.43	18.8	68.9%
0.082	2.08	6- 1/2	0.072	1.83	226.3	28.4%
0.082	2.08	9- 1/2	0.023	0.58	32.9	60.7%
0.082	2.08	10	0.018	0.46	21.1	67.2%
0.080	2.03	5	0.120	3.05	510.6	16.0%
0.080	2.03	7	0.063	1.60	184.7	31.4%
0.080	2.03	9- 1/2	0.025	0.64	39.1	57.8%
0.080	2.03	10	0.020	0.51	26.1	64.0%
0.079	2.01	7- 1/2	0.054	1.37	151.0	35.1%
0.079	2.01	9	0.032	0.81	61.4	50.6%
0.078	1.98	8	0.047	1.19	120.9	38.9%
0.077	1.96	8- 1/2	0.041	1.04	96.8	42.8%
0.077	1.96	9- 1/2	0.028	0.71	49.3	53.5%
0.077	1.96	10	0.023	0.58	34.7	59.3%
0.077	1.96	5- 1/2	0.105	2.67	448.3	17.9%
0.076	1.93	9	0.035	0.89	74.0	46.8%
0.076	1.93	11	0.015	0.38	16.1	69.9%
0.075	1.91	6	0.092	2.34	352.8	20.2%
0.075	1.91	10	0.025	0.64	41.2	56.3%
0.075	1.91	11	0.016	0.41	18.3	68.1%
0.074	1.88	6- 1/2	0.080	2.03	285.1	23.1%
0.074	1.88	11	0.017	0.43	20.7	66.3%
0.073	1.85	9- 1/2	0.032	0.81	65.1	48.1%
0.073	1.85	11	0.018	0.46	23.3	64.5%
0.072	1.83	10	0.028	0.71	52.1	51.8%
0.071	1.80	7	0.072	1.83	247.2	24.7%
0.071	1.80	8	0.054	1.37	162.7	32.3%
0.071	1.80	8- 1/2	0.047	1.19	129.4	36.4%
0.071	1.80	11	0.020	0.51	28.8	61.0%
0.070	1.78	7- 1/2	0.063	1.60	200.3	27.6%
0.070	1.78	9	0.041	1.04	103.2	39.7%
0.070	1.78	9- 1/2	0.035	0.89	78.5	44.2%
0.069	1.75	12	0.014	0.356	15.3	68.6%
0.068	1.73	10	0.032	0.81	68.8	46.2%
0.068	1.73	11	0.023	0.58	38.4	56.0%
0.068	1.73	12	0.015	0.381	17.6	66.6%
0.067	1.70	12	0.016	0.406	20.0	64.5%
0.066	1.68	11	0.025	0.64	45.6	52.7%
0.066	1.68	12	0.017	0.432	22.7	62.7%

SQUARE MESH WIRE CLOTH

by decimal opening

**Reference List*

Width of Opening		Mesh	Diameter of Wire		Weight, Pounds per 100 Sq. Ft., Steel	Open Area
Inches	Millimeters		Inches	Millimeters		
0.065	1.65	10	0.035	0.89	83.1	42.3%
0.065	1.65	12	0.018	0.457	25.5	60.8%
0.064	1.63	8- 1/2	0.054	1.37	165.9	29.6%
0.064	1.63	9	0.047	1.19	138.2	33.2%
0.064	1.63	9- 1/2	0.041	1.04	109.7	37.0%
0.063	1.60	7	0.080	2.03	312.2	19.5%
0.063	1.60	11	0.028	0.71	57.8	48.0%
0.063	1.60	12	0.020	0.508	31.6	57.2%
0.063	1.60	13	0.014	0.356	16.6	67.1%
0.062	1.57	6- 1/2	0.092	2.34	389.9	16.2%
0.062	1.58	8	0.063	1.60	216.3	24.6%
0.062	1.58	13	0.015	0.381	19.1	65.0%
0.061	1.55	7- 1/2	0.072	1.83	268.7	20.9%
0.061	1.55	13	0.016	0.406	21.8	62.9%
0.061	1.55	14	0.010	0.254	9.0	72.9%
0.060	1.52	12	0.023	0.584	42.2	51.8%
0.060	1.52	13	0.017	0.432	24.6	60.8%
0.060	1.52	14	0.011	0.279	11.0	70.6%
0.059	1.50	10	0.041	1.04	116.3	34.8%
0.059	1.50	11	0.032	0.81	76.4	42.1%
0.059	1.50	13	0.018	0.457	27.7	58.8%
0.059	1.50	14	0.012	0.305	13.1	68.2%
0.058	1.47	9- 1/2	0.047	1.19	147.1	30.4%
0.058	1.47	12	0.025	0.635	50.1	48.4%
0.058	1.47	14	0.013	0.330	15.4	65.9%
0.0575	1.46	14	0.0135	0.343	16.6	64.8%
0.057	1.45	15	0.010	0.254	9.7	73.1%
0.057	1.45	9	0.054	1.37	177.4	26.3%
0.057	1.45	13	0.020	0.508	34.4	54.9%
0.057	1.45	14	0.014	0.356	17.9	63.7%
0.056	1.42	15	0.011	0.279	11.8	70.6%
0.056	1.42	11	0.035	0.89	92.4	37.9%
0.056	1.42	14	0.015	0.381	20.6	61.5%
0.055	1.40	8- 1/2	0.063	1.60	232.8	21.9%
0.055	1.40	12	0.028	711.00	63.5	43.6%
0.055	1.40	14	0.016	0.406	23.5	59.3%
0.055	1.40	15	0.012	0.305	14.1	68.1%
0.054	1.37	13	0.023	0.584	45.9	49.3%
0.054	1.37	14	0.017	0.432	26.6	57.2%
0.054	1.37	15	0.013	0.330	16.5	65.6%
0.0535	1.36	15	0.0135	0.343	17.9	64.4%
0.053	1.35	7- 1/2	0.080	2.03	340.4	15.8%
0.053	1.35	8	0.072	1.83	291.1	18.0%
0.053	1.35	10	0.047	1.19	148.4	28.1%
0.053	1.35	14	0.018	0.457	29.9	55.1%
0.053	1.35	15	0.014	0.356	19.2	63.2%
0.053	1.35	16	0.0095	0.241	9.4	71.9%
0.0525	1.33	16	0.010	0.254	10.4	70.6%

SQUARE MESH WIRE CLOTH

by decimal opening

**Reference List*

Width of Opening		Mesh	Diameter of Wire		Weight, Pounds per 100 Sq. Ft., Steel	Open Area
Inches	Millimeters		Inches	Millimeters		
0.052	1.32	13	0.025	0.635	54.7	45.7%
0.052	1.32	15	0.015	0.381	22.1	60.8%
0.051	1.30	9- 1/2	0.054	1.37	189.3	23.5%
0.051	1.30	12	0.032	0.813	84.3	37.5%
0.051	1.30	14	0.020	0.508	37.2	51.0%
0.051	1.30	15	0.016	0.406	25.3	58.5%
0.0515	1.31	16	0.011	0.279	12.6	67.9%
0.0505	1.28	16	0.012	0.305	15.0	65.3%
0.050	1.27	11	0.041	1.04	123.3	30.3%
0.050	1.27	15	0.017	0.432	28.6	56.3%
0.0495	1.26	16	0.013	0.330	17.7	62.7%
0.049	1.25	13	0.028	0.711	69.4	40.6%
0.049	1.25	15	0.018	0.457	32.2	54.0%
0.049	1.25	16	0.0135	0.343	19.1	61.5%
0.0485	1.23	16	0.014	0.356	20.6	60.2%
0.048	1.22	9	0.063	1.60	249.8	18.7%
0.048	1.22	12	0.035	0.889	102.1	33.2%
0.048	1.22	14	0.023	0.584	49.8	45.2%
0.0475	1.21	16	0.015	0.381	23.7	57.8%
0.047	1.19	15	0.020	0.508	40.1	49.7%
0.0466	1.18	18	0.009	0.229	9.5	70.4%
0.0465	1.18	16	0.016	0.406	27.1	55.4%
0.0461	1.17	18	0.0095	0.241	10.5	68.9%
0.046	1.17	8- 1/2	0.072	1.83	314.3	15.3%
0.046	1.17	10	0.054	1.37	201.5	21.2%
0.046	1.17	14	0.025	0.635	59.3	41.5%
0.0456	1.16	18	0.010	0.254	11.7	67.4%
0.0455	1.16	16	0.017	0.432	30.7	53.0%
0.045	1.14	13	0.032	0.813	92.3	34.2%
0.0446	1.13	18	0.011	0.279	14.2	64.4%
0.0445	1.13	16	0.018	0.457	34.5	50.7%
0.044	1.12	11	0.047	1.19	166.3	23.4%
0.044	1.12	15	0.023	0.584	53.7	43.6%
0.0436	1.11	18	0.012	0.305	17.0	61.6%
0.043	1.09	14	0.028	0.711	75.5	36.2%
0.0426	1.08	18	0.013	0.330	20.0	58.8%
0.0425	1.08	16	0.020	0.508	43.0	46.2%
0.0421	1.07	18	0.0135	0.343	21.6	57.4%
0.042	1.07	9- 1/2	0.063	1.60	267.3	15.9%
0.042	1.07	12	0.041	1.041	136.7	25.4%
0.042	1.07	13	0.035	0.889	106.4	29.8%
0.042	1.07	15	0.025	0.635	64.1	39.7%
0.0416	1.06	18	0.014	0.356	23.3	56.1%
0.041	1.04	20	0.009	0.229	10.5	67.2%
0.0406	1.03	18	0.015	0.381	26.8	53.4%
0.0405	1.03	20	0.0095	0.241	11.8	65.6%
0.0400	1.02	20	0.010	0.254	13.1	64.0%
0.0396	1.01	18	0.016	0.406	30.7	50.8%

SQUARE MESH WIRE CLOTH

by decimal opening

**Reference List*

Width of Opening		Mesh	Diameter of Wire		Weight, Pounds per 100 Sq. Ft., Steel	Open Area
Inches	Millimeters		Inches	Millimeters		
0.0395	1.00	16	0.023	0.584	57.7	39.9%
0.0390	0.99	9	0.072	1.83	338.2	12.3%
0.0390	0.99	14	0.032	0.813	100.5	29.8%
0.0390	0.99	15	0.028	0.711	77.6	34.2%
0.0390	0.99	20	0.011	0.279	15.9	60.8%
0.0386	0.98	18	0.017	0.432	34.8	48.3%
0.038	0.97	20	0.012	0.305	19.0	57.8%
0.0376	0.96	18	0.018	0.457	39.2	45.8%
0.0375	0.95	16	0.025	0.635	68.9	36.0%
0.037	0.94	20	0.013	0.330	22.4	54.8%
0.037	0.94	10	0.063	1.60	285.4	13.7%
0.037	0.94	11	0.054	1.37	226.9	16.6%
0.0365	0.93	20	0.0135	0.343	24.2	53.3%
0.0365	0.93	22	0.009	0.229	11.6	64.5%
0.036	0.91	12	0.047	1.19	185.1	18.7%
0.036	0.91	13	0.041	1.041	150.6	21.9%
0.036	0.91	14	0.035	0.889	116.1	25.4%
0.036	0.91	20	0.014	0.356	26.1	51.8%
0.036	0.91	22	0.0095	0.241	13.0	62.7%
0.0356	0.90	18	0.020	0.508	49.0	41.1%
0.0355	0.90	22	0.010	0.254	14.4	61.0%
0.0350	0.89	15	0.032	0.813	103.6	27.6%
0.0350	0.89	20	0.015	0.381	30.1	49.0%
0.0345	0.88	22	0.011	0.279	17.5	57.6%
0.0345	0.88	16	0.028	0.711	83.6	30.5%
0.0342	0.87	24	0.0075	0.191	8.8	67.4%
0.0340	0.86	20	0.016	0.406	34.4	46.2%
0.0337	0.86	24	0.008	0.203	10.0	65.4%
0.0335	0.85	22	0.012	0.305	21.0	54.3%
0.0332	0.84	24	0.0085	0.216	11.3	63.5%
0.0330	0.84	20	0.017	0.432	39.1	43.6%
0.0327	0.83	24	0.009	0.229	12.7	61.6%
0.0326	0.83	18	0.023	0.584	66.0	34.4%
0.0325	0.83	22	0.013	0.330	24.8	51.1%
0.0322	0.82	24	0.0095	0.241	14.2	59.7%
0.0320	0.81	22	0.0135	0.343	26.8	49.6%
0.0320	0.81	15	0.035	0.889	126.2	23.0%
0.0320	0.81	20	0.018	0.457	44.1	41.0%
0.0317	0.81	24	0.010	0.254	15.8	57.9%
0.0315	0.80	22	0.014	0.356	28.9	48.0%
0.0310	0.79	26	0.0075	0.191	9.5	65.0%
0.0307	0.78	24	0.011	0.279	19.2	54.3%
0.0306	0.78	18	0.025	0.635	75.0	30.3%
0.0305	0.78	16	0.032	0.813	111.9	23.8%
0.0305	0.78	22	0.015	0.381	33.4	45.0%
0.0305	0.78	26	0.008	0.203	10.9	62.9%
0.030	0.76	14	0.041	1.041	165.0	17.6%
0.030	0.76	20	0.020	0.508	55.2	36.0%

SQUARE MESH WIRE CLOTH

by decimal opening

**Reference List*

Width of Opening		Mesh	Diameter of Wire		Weight, Pounds per 100 Sq. Ft., Steel	Open Area
Inches	Millimeters		Inches	Millimeters		
0.0300	0.76	26	0.0085	0.216	12.3	60.8%
0.0297	0.75	24	0.012	0.305	23.0	50.8%
0.0295	0.75	22	0.016	0.406	38.2	42.1%
0.0295	0.75	26	0.009	0.229	13.8	58.8%
0.0290	0.74	26	0.0095	0.241	15.5	56.9%
0.0287	0.73	24	0.013	0.330	27.2	47.4%
0.0285	0.72	26	0.010	0.254	17.2	54.9%
0.0285	0.72	22	0.017	0.432	43.5	39.3%
0.0282	0.72	24	0.0135	0.343	29.4	45.8%
0.0282	0.716	28	0.0075	0.191	10.3	62.3%
0.0277	0.70	24	0.014	0.356	31.8	44.2%
0.0277	0.70	28	0.008	0.203	11.8	60.2%
0.0276	0.70	18	0.028	0.711	96.1	24.7%
0.0275	0.70	16	0.035	0.889	136.6	19.4%
0.0275	0.70	22	0.018	0.457	49.1	36.6%
0.0275	0.70	26	0.011	0.279	20.9	51.1%
0.0272	0.69	28	0.0085	0.216	13.3	58.0%
0.0270	0.69	20	0.023	0.584	70.8	29.2%
0.0267	0.68	24	0.015	0.381	36.7	41.1%
0.0267	0.68	28	0.009	0.229	15.0	55.9%
0.0265	0.67	26	0.012	0.305	25.1	47.5%
0.0262	0.67	28	0.0095	0.241	16.7	53.8%
0.0260	0.66	15	0.041	1.041	180.0	15.2%
0.0258	0.66	30	0.0075	0.191	11.1	59.9%
0.0257	0.65	24	0.016	0.406	42.1	38.0%
0.0257	0.65	28	0.010	0.254	18.6	51.8%
0.0255	0.65	22	0.020	0.508	58.5	31.5%
0.0255	0.65	26	0.013	0.330	29.7	44.0%
0.0253	0.64	30	0.008	0.203	12.6	57.6%
0.0250	0.64	26	0.0135	0.343	32.1	42.3%
0.0250	0.64	20	0.025	0.635	85.0	25.0%
0.0248	0.63	30	0.0085	0.216	14.3	55.4%
0.0247	0.63	28	0.011	0.279	22.7	47.8%
0.0247	0.63	24	0.017	0.432	48.0	35.1%
0.0245	0.62	26	0.014	0.356	34.7	40.6%
0.0243	0.62	30	0.009	0.229	16.1	53.1%
0.0243	0.62	32	0.007	0.178	10.3	60.5%
0.0238	0.61	30	0.0095	0.241	18.0	51.0%
0.0238	0.61	32	0.0075	0.191	11.8	58.0%
0.0237	0.60	24	0.018	0.457	51.5	32.4%
0.0237	0.60	28	0.012	0.305	27.2	44.0%
0.0236	0.60	18	0.032	0.813	129.4	18.0%
0.0235	0.60	26	0.015	0.381	40.2	37.3%
0.0233	0.59	32	0.008	0.203	13.5	55.6%
0.0233	0.59	30	0.010	0.254	20.0	48.9%
0.0228	0.58	32	0.0085	0.216	15.3	53.2%
0.0227	0.58	28	0.013	0.330	32.2	40.4%
0.0225	0.57	22	0.023	0.584	79.3	24.5%

SQUARE MESH WIRE CLOTH

by decimal opening

**Reference List*

Width of Opening		Mesh	Diameter of Wire		Weight, Pounds per 100 Sq. Ft., Steel	Open Area
Inches	Millimeters		Inches	Millimeters		
0.0225	0.57	26	0.016	0.406	46.1	34.2%
0.0223	0.57	30	0.011	0.279	24.5	44.8%
0.0223	0.57	32	0.009	0.229	17.3	50.9%
0.0222	0.56	28	0.0135	0.343	34.9	38.6%
0.0220	0.56	20	0.028	0.711	109.3	19.4%
0.0218	0.55	32	0.0095	0.241	19.3	48.7%
0.0217	0.55	24	0.020	0.508	64.8	27.1%
0.0217	0.55	28	0.014	0.356	37.7	36.9%
0.0216	0.55	35	0.007	0.178	11.3	57.2%
0.0215	0.55	16	0.041	1.041	195.6	11.8%
0.0215	0.55	26	0.017	0.432	52.6	31.2%
0.0213	0.54	30	0.012	0.305	29.4	40.8%
0.0213	0.54	32	0.010	0.254	21.5	46.5%
0.0211	0.54	35	0.0075	0.191	13.0	54.5%
0.0207	0.53	28	0.015	0.381	43.7	33.6%
0.0206	0.52	18	0.035	0.889	158.4	13.7%
0.0206	0.52	35	0.008	0.203	14.9	52.0%
0.0205	0.52	22	0.025	0.635	95.4	20.3%
0.0205	0.52	26	0.018	0.457	56.6	28.4%
0.0203	0.52	30	0.013	0.330	34.8	37.1%
0.0203	0.52	32	0.011	0.279	26.3	42.2%
0.0201	0.51	35	0.0085	0.216	16.9	49.5%
0.0198	0.50	30	0.0135	0.343	37.8	35.3%
0.0197	0.50	28	0.016	0.406	50.3	30.4%
0.0196	0.50	35	0.009	0.229	19.0	47.1%
0.0193	0.49	30	0.014	0.356	40.8	33.5%
0.0193	0.49	32	0.012	0.305	31.6	38.1%
0.0193	0.49	38	0.007	0.178	12.3	53.8%
0.0191	0.49	35	0.0095	0.241	21.3	44.7%
0.0188	0.48	38	0.0075	0.191	14.2	51.0%
0.0187	0.48	24	0.023	0.584	88.2	20.1%
0.0187	0.48	28	0.017	0.432	54.5	27.4%
0.0186	0.47	35	0.010	0.254	23.7	42.4%
0.0185	0.47	26	0.020	0.508	71.3	23.1%
0.0183	0.47	32	0.013	0.330	37.5	34.3%
0.0183	0.47	38	0.008	0.203	16.3	48.4%
0.0183	0.47	30	0.015	0.381	47.4	30.1%
0.0180	0.46	20	0.032	0.813	147.9	13.0%
0.0180	0.46	40	0.007	0.178	13.0	51.8%
0.0178	0.45	38	0.0085	0.216	18.5	45.8%
0.0178	0.45	32	0.0135	0.343	40.7	32.4%
0.0177	0.45	28	0.018	0.457	61.8	24.6%
0.0176	0.45	35	0.011	0.279	29.0	37.9%
0.0175	0.45	22	0.028	0.711	132.2	14.8%
0.0175	0.45	40	0.0075	0.191	15.0	49.0%
0.0173	0.44	30	0.016	0.406	51.8	26.9%
0.0173	0.44	32	0.014	0.356	44.0	30.6%
0.0173	0.44	38	0.009	0.229	20.8	43.2%

SQUARE MESH WIRE CLOTH

by decimal opening

**Reference List*

Width of Opening		Mesh	Diameter of Wire		Weight, Pounds per 100 Sq. Ft., Steel	Open Area
Inches	Millimeters		Inches	Millimeters		
0.0170	0.43	40	0.008	0.203	17.2	46.2%
0.0168	0.43	38	0.0095	0.241	23.3	40.8%
0.0167	0.42	24	0.025	0.635	106.4	16.1%
0.0166	0.42	35	0.012	0.305	35.0	33.8%
0.0165	0.42	40	0.0085	0.216	19.5	43.6%
0.0163	0.41	30	0.017	0.432	59.2	23.9%
0.0163	0.41	32	0.015	0.381	48.6	27.2%
0.0163	0.41	38	0.010	0.254	26.0	38.4%
0.0160	0.41	40	0.009	0.229	22.0	41.0%
0.0156	0.40	35	0.013	0.330	41.6	29.8%
0.0155	0.39	40	0.0095	0.241	24.7	38.4%
0.0153	0.39	32	0.016	0.406	56.0	24.0%
0.0153	0.39	38	0.011	0.279	31.9	33.8%
0.0151	0.38	35	0.0135	0.343	45.2	27.9%
0.0150	0.38	40	0.010	0.254	27.6	36.0%
0.0148	0.38	42	0.009	0.229	23.3	38.6%
0.0147	0.37	45	0.0075	0.191	17.1	43.8%
0.0146	0.37	35	0.014	0.356	46.5	26.1%
0.0143	0.36	38	0.012	0.305	38.5	29.5%
0.0143	0.36	42	0.0095	0.241	26.1	36.1%
0.0142	0.36	45	0.0080	0.203	19.6	40.8%
0.0140	0.36	40	0.011	0.279	33.8	31.4%
0.0138	0.35	42	0.010	0.254	29.2	33.6%
0.0137	0.35	45	0.0085	0.216	22.3	38.0%
0.0136	0.35	35	0.015	0.381	54.1	22.7%
0.0133	0.34	38	0.013	0.330	43.6	25.5%
0.0132	0.34	45	0.009	0.229	25.2	35.3%
0.0130	0.33	40	0.012	0.305	40.9	27.0%
0.0128	0.33	38	0.0135	0.343	47.3	23.7%
0.0128	0.33	42	0.011	0.279	35.8	28.9%
0.0127	0.32	45	0.0095	0.241	28.3	32.7%
0.0126	0.32	35	0.016	0.406	62.4	19.4%
0.0125	0.32	50	0.0075	0.191	19.2	39.1%
0.0123	0.31	38	0.014	0.356	51.3	21.8%
0.0122	0.31	45	0.010	0.254	31.6	30.1%
0.0120	0.31	40	0.013	0.330	48.8	23.0%
0.0120	0.31	50	0.008	0.203	22.1	36.0%
0.0118	0.30	42	0.012	0.305	43.4	24.6%
0.0115	0.29	40	0.0135	0.343	53.0	21.2%
0.0115	0.29	50	0.0085	0.216	25.1	33.1%
0.0112	0.28	45	0.011	0.279	36.9	25.4%
0.0112	0.28	55	0.007	0.178	18.5	37.9%
0.0110	0.28	50	0.009	0.229	28.4	30.3%
0.0108	0.27	42	0.013	0.330	51.8	20.6%
0.0107	0.27	55	0.0075	0.191	21.4	34.6%
0.0107	0.27	60	0.006	0.152	14.7	41.2%
0.0105	0.27	50	0.0095	0.241	32.0	27.6%
0.0103	0.26	42	0.0135	0.343	53.5	18.7%

SQUARE MESH WIRE CLOTH

by decimal opening

**Reference List*

Width of Opening		Mesh	Diameter of Wire		Weight, Pounds per 100 Sq. Ft., Steel	Open Area
Inches	Millimeters		Inches	Millimeters		
0.0102	0.26	45	0.012	0.305	44.8	21.1%
0.0102	0.26	55	0.008	0.203	24.6	31.5%
0.0102	0.26	60	0.0065	0.165	17.4	37.5%
0.0100	0.25	50	0.010	0.254	34.0	25.0%
0.0097	0.25	55	0.0085	0.216	28.1	28.5%
0.0097	0.25	60	0.007	0.178	20.4	33.9%
0.0092	0.23	45	0.013	0.330	53.6	17.1%
0.0092	0.23	55	0.009	0.229	30.2	25.6%
0.0092	0.23	60	0.0075	0.191	23.7	30.5%
0.0090	0.23	50	0.011	0.279	42.0	20.3%
0.0089	0.23	65	0.0065	0.165	19.1	33.5%
0.0087	0.22	55	0.0095	0.241	34.0	22.9%
0.0087	0.22	60	0.008	0.203	27.3	27.2%
0.0084	0.21	65	0.007	0.178	22.4	29.8%
0.0083	0.21	70	0.006	0.152	17.5	33.8%
0.0082	0.21	55	0.010	0.254	38.2	20.3%
0.0082	0.21	60	0.0085	0.216	29.6	24.2%
0.0080	0.20	50	0.012	0.305	51.1	16.0%
0.0079	0.20	65	0.0075	0.191	26.0	26.4%
0.0078	0.20	70	0.0065	0.165	20.8	29.8%
0.0077	0.20	60	0.009	0.229	33.5	21.3%
0.0075	0.19	80	0.005	0.127	13.8	36.0%
0.0073	0.19	75	0.006	0.152	19.0	30.0%
0.0073	0.19	70	0.007	0.178	23.3	26.1%
0.0072	0.18	55	0.011	0.279	47.3	15.7%
0.0072	0.18	60	0.0095	0.241	37.9	18.7%
0.0070	0.18	80	0.0055	0.140	16.9	31.4%
0.0070	0.18	100	0.003	0.076	....	49.0%
0.0068	0.17	75	0.0065	0.165	22.6	26.0%
0.0068	0.17	70	0.0075	0.191	27.1	22.7%
0.0067	0.17	60	0.010	0.254	42.6	16.2%
0.0065	0.17	80	0.006	0.152	20.4	27.0%
0.0065	0.17	100	0.0035	0.089	8.3	42.3%
0.0063	0.16	75	0.007	0.178	25.3	22.3%
0.0063	0.16	70	0.008	0.203	31.3	19.4%
0.0061	0.16	90	0.005	0.127	15.8	30.1%
0.0060	0.15	80	0.0065	0.165	23.2	23.0%
0.0060	0.15	100	0.004	0.102	11.0	36.0%
0.0058	0.15	70	0.0085	0.216	35.8	16.5%
0.0057	0.15	60	0.011	0.279	52.9	11.7%
0.0056	0.14	90	0.0055	0.140	18.4	25.4%
0.0055	0.14	80	0.007	0.178	27.4	19.4%
0.0055	0.14	100	0.0045	0.114	14.2	30.3%
0.0053	0.14	70	0.009	0.229	40.7	13.8%
0.0051	0.13	90	0.006	0.152	22.4	21.1%
0.0050	0.13	80	0.0075	0.191	31.9	16.0%
0.0050	0.13	100	0.005	0.127	17.0	25.0%

STAINLESS STEEL WIRE MARKET GRADE

MESH	WIRE DIA.	OPENING	% OPEN AREA
2	0.063	0.437	76.4
3	0.054	0.279	70.1
4	0.0475	0.2023	65.9
4	0.063	0.187	56.0
5	0.041	0.159	63.2
6	0.0348	0.1318	62.7
7	0.035	0.108	57.2
8	0.0286	0.0964	60.2
10	0.0258	0.0742	56.3
11	0.018	0.073	64.5
12	0.0230	0.0603	51.8
14	0.0204	0.0510	51.0
16	0.0181	0.0445	50.7
18	0.0173	0.0386	48.3
20	0.0162	0.0340	46.2
24	0.0140	0.0277	44.2
30	0.0128	0.0203	37.1
35	0.0118	0.0176	37.9
40	0.0104	0.0150	36.0
50	0.0090	0.0110	30.3
60	0.0075	0.0092	30.5
80	0.0055	0.0070	31.4
100	0.0045	0.0055	30.3
120	0.0037	0.0046	30.5
150	0.0026	0.0041	37.9
180	0.0023	0.0033	34.7
200	0.0021	0.0029	33.6
250	0.0016	0.0024	36.0
270	0.0016	0.0021	32.0
325	0.0014	0.0017	30.5
400	0.0010	0.0015	36.0
500	0.0010	0.0010	25.0

STAINLESS STEEL TENSIL BOLTING CLOTH

Meshes per Lineal Inch	DIAMETER OF WIRES		WIDTH OF OPENING		OPEN AREA
	Inches	Millimeters	Inches	Millimeters	
14	0.009	0.228	0.0620	1.59	76.4%
16	0.009	0.229	0.0535	1.36	73.3%
18	0.009	0.229	0.0466	1.18	70.2%
20	0.009	0.229	0.0410	1.04	67.2%
22	0.0075	0.191	0.0380	0.965	69.7%
24	0.0075	0.191	0.0342	0.860	67.2%
26	0.0075	0.191	0.0310	0.787	64.8%
28	0.0075	0.191	0.0282	0.716	62.4%
30	0.0065	0.165	0.0268	0.681	64.8%
32	0.0065	0.165	0.0248	0.630	62.7%
34	0.0065	0.165	0.0229	0.582	60.7%
36	0.0065	0.165	0.0213	0.541	58.7%
38	0.0065	0.165	0.0198	0.503	56.7%
40	0.0065	0.165	0.0185	0.470	54.8%
42	0.0055	0.127	0.0183	0.465	59.1%
44	0.0055	0.127	0.0172	0.437	57.4%
46	0.0055	0.127	0.0162	0.411	55.8%
48	0.0055	0.127	0.0153	0.389	54.2%
50	0.0055	0.127	0.0145	0.368	52.6%
52	0.0055	0.127	0.0137	0.348	51.0%
54	0.0055	0.127	0.0130	0.330	49.4%
58	0.0045	0.1143	0.0127	0.323	54.6%

Meshes per Lineal Inch	DIAMETER OF WIRES		WIDTH OF OPENING		OPEN AREA
	Inches	Millimeters	Inches	Millimeters	
60	0.0045	0.1143	0.0122	0.31	53.3%
62	0.0045	0.1143	0.0166	0.295	51.7%
64	0.0045	0.1143	0.0111	0.282	50.7%
70	0.0037	0.094	0.0106	0.269	54.9%
72	0.0037	0.094	0.0102	0.259	53.8%
74	0.0037	0.094	0.0098	0.219	52.7%
76	0.0037	0.094	0.0095	0.241	51.7%
78	0.0037	0.094	0.0091	0.231	50.6%
80	0.0037	0.094	0.0088	0.224	49.6%
84	0.0035	0.089	0.0084	0.213	49.8%
88	0.0035	0.089	0.0079	0.201	47.9%
90	0.0035	0.089	0.0076	0.193	47.8%
94	0.0035	0.089	0.0071	0.181	45.0%
105	0.003	0.076	0.0065	0.165	46.9%
120	0.0025	0.064	0.0058	0.147	47.3%
145	0.0022	0.056	0.0047	0.119	46.4%
165	0.0019	0.048	0.0042	0.107	47.1%
180	0.0018	0.046	0.0038	0.107	46.0%
200	0.0016	0.041	0.034	0.086	46.2%
230	0.0014	0.03	0.029	0.074	46.0%
300	0.0012	0.031	0.0021	0.054	40.5%

STAINLESS MILL GRADE WIRE CLOTH

Meshes per Lineal Inch	Width of Opening Inches	Diameter of Wire Inches	Open Area
2	0.446	0.054	79.6%
3	0.292	0.041	76.7%
4	0.215	0.035	74.0%
5	0.168	0.032	70.6%
6	0.139	0.028	69.6%
7	0.115	0.028	64.8%
8	0.100	0.025	64.0%
9	0.088	0.023	62.7%
10	0.080	0.020	64.0%
12	0.065	0.018	60.8%
14	0.054	0.017	57.2%
16	0.0465	0.016	55.4%
18	0.0406	0.015	53.4%
20	0.0360	0.014	51.8%

Meshes per Lineal Inch	Width of Opening Inches	Diameter of Wire Inches	Open Area
22	0.032	0.0135	49.6%
24	0.0287	0.013	47.4%
26	0.0275	0.011	51.1%
28	0.0257	0.010	51.8%
30	0.0238	0.0095	51.0%
32	0.0223	0.009	50.9%
34	0.0204	0.009	48.1%
36	0.0188	0.009	45.8%
38	0.0178	0.0085	45.8%
40	0.0165	0.0085	43.6%
45	0.0142	0.008	40.8%
50	0.0125	0.0075	39.1%
55	0.0112	0.007	37.9%
60	0.0102	0.0065	37.5%

U.S. STANDARD SIEVE SERIES FOR WIRE CLOTH

U.S. STANDARD SIEVE SERIES FOR WIRE CLOTH

Sieve Designation		Nominal Sieve Opening, in.	Permissible Variation of Average Opening from the Standard Sieve Designation	Maximum Opening Size for Not More than 5 percent of Openings	Maximum Individual Opening	Nominal Wire Diameter, mm
Standard	Alternative					
125 mm	5 in	5	±3.7 mm	130.0 mm	130.9 mm	8.00
106 mm	4.24 in.	4.24	±3.2 mm	110.2 mm	111.1 mm	6.30
100 mm	4 in.	4	±3.0 mm	104.0 mm	104.8 mm	6.30
90 mm	3½ in.	3.5	±2.7 mm	93.6 mm	94.4 mm	6.30
75 mm	3 in.	3	±2.2 mm	78.1 mm	78.7 mm	6.30
63 mm	2½ in.	2.5	±1.9 mm	65.6 mm	66.2 mm	5.60
53 mm	2.12 in.	2.12	±1.6 mm	55.2 mm	55.7 mm	5.00
50 mm	2 in.	2	±1.5 mm	52.1 mm	52.6 mm	5.00
45 mm	1¾ in.	1.75	±1.4 mm	46.9 mm	47.4 mm	4.50
37.5 mm	1½ in.	1.5	±1.1 mm	39.1 mm	39.5 mm	4.50
31.5 mm	1¼ in.	1.25	±1.0 mm	32.9 mm	33.2 mm	4.00
26.5 mm	1.06 in.	1.06	±0.8 mm	27.7 mm	28.0 mm	3.55
25.0 mm	1 in.	1	±0.8 mm	26.1 mm	26.4 mm	3.55
22.4 mm	⅞ in.	0.875	±0.7 mm	23.4 mm	23.7 mm	3.55
19.0 mm	¾ in.	0.750	±0.6 mm	19.9 mm	20.1 mm	3.15
16.0 mm	⅝ in.	0.625	±0.5 mm	16.7 mm	17.0 mm	3.15
13.2 mm	0.530 in.	0.530	±0.41 mm	13.83 mm	14.05 mm	2.80
12.5 mm	½ in.	0.500	±0.39 mm	13.10 mm	13.31 mm	2.50
11.2 mm	7/16 in.	0.438	±0.35 mm	11.75 mm	11.94 mm	2.50
9.5 mm	⅜ in.	0.375	±0.30 mm	9.97 mm	10.16 mm	2.24
8.0 mm	5/16 in.	0.312	±0.25 mm	8.41 mm	8.58 mm	2.00
6.7 mm	0.265 in.	0.265	±0.21 mm	7.05 mm	7.20 mm	1.80
6.3 mm	¼ in.	0.250	±0.20 mm	6.64 mm	6.78 mm	1.80
5.6 mm	No. 3½	0.223	±0.18 mm	5.90 mm	6.04 mm	1.60
4.75 mm	No. 4	0.187	±0.15 mm	5.02 mm	5.14 mm	1.60
4.00 mm	No. 5	0.157	±0.13 mm	4.23 mm	4.35 mm	1.40
3.35 mm	No. 6	0.132	±0.11 mm	3.55 mm	3.66 mm	1.25
2.80 mm	No. 7	0.110	±0.095 mm	2.975 mm	3.070 mm	1.12
2.36 mm	No. 8	0.0937	±0.080 mm	2.515 mm	2.600 mm	1.00
2.00 mm	No. 10	0.0787	±0.070 mm	2.135 mm	2.215 mm	0.900
1.70 mm	No. 12	0.0661	±0.060 mm	1.820 mm	1.890 mm	0.800
1.40 mm	No. 14	0.0555	±0.050 mm	1.505 mm	1.565 mm	0.710
1.18 mm	No. 16	0.0469	±0.045 mm	1.270 mm	1.330 mm	0.630
1.00 mm	No. 18	0.0394	±0.040 mm	1.080 mm	1.135 mm	0.560
850 μm	No. 20	0.0331	±35 μm	925 μm	970 μm	0.500
710 μm	No. 25	0.0278	±30 μm	775 μm	815 μm	0.450
600 μm	No. 30	0.0234	±25 μm	660 μm	695 μm	0.400
500 μm	No. 35	0.0197	±20 μm	550 μm	585 μm	0.315
425 μm	No. 40	0.0165	±19 μm	471 μm	502 μm	0.280
355 μm	No. 45	0.0139	±16 μm	396 μm	426 μm	0.224
300 μm	No. 50	0.0117	±14 μm	337 μm	363 μm	0.200
250 μm	No. 60	0.0098	±12 μm	283 μm	306 μm	0.160
212 μm	No. 70	0.0083	±10 μm	242 μm	263 μm	0.140
180 μm	No. 80	0.0070	±9 μm	207 μm	227 μm	0.125
150 μm	No. 100	0.0059	±8 μm	174 μm	192 μm	0.100
125 μm	No. 120	0.0049	±7 μm	147 μm	163 μm	0.090
106 μm	No. 140	0.0041	±6 μm	126 μm	141 μm	0.071
90 μm	No. 170	0.0035	±5 μm	108 μm	122 μm	0.063
75 μm	No. 200	0.0029	±5 μm	91 μm	103 μm	0.050
63 μm	No. 230	0.0025	±4 μm	77 μm	89 μm	0.045
53 μm	No. 270	0.0021	±4 μm	66 μm	76 μm	0.036
45 μm	No. 325	0.0017	±3 μm	57 μm	66 μm	0.032
38 μm	No. 400	0.0015	±3 μm	48 μm	57 μm	0.030

TABLES - MILLIMETERS, FRACTIONS AND DECIMALS

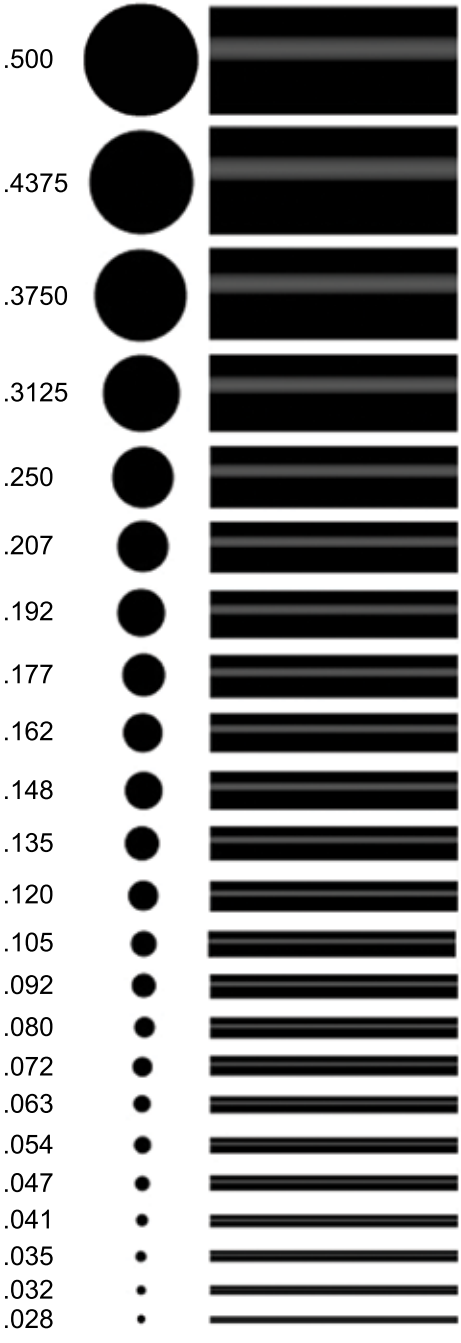
Fraction	Decimal	Millimeter
1/64	0.0156	0.397
1/32	0.0313	0.794
	0.0394	1.000
3/64	0.0469	1.191
1/16	0.0625	1.588
5/64	0.0781	1.984
	0.0787	2.000
3/32	0.0938	2.381
7/64	0.1094	2.778
	0.1181	3.000
1/8	0.1250	3.175
9/64	0.1406	3.572
5/32	0.1563	3.969
	0.1575	4.000
11/64	0.1719	4.366
3/16	0.1875	4.763
	0.1969	5.000
13/64	0.2031	5.159
7/32	0.2188	5.556
15/64	0.2344	5.953
	0.2362	6.000
1/4	0.2500	6.350
17/64	0.2656	6.747
	0.2756	7.000
9/32	0.2813	7.144
19/64	0.2969	7.541
5/16	0.3125	7.938
	0.3150	8.000
21/64	0.3281	8.334
11/32	0.3438	8.731
	0.3543	9.000
23/64	0.3594	9.128
3/8	0.3750	9.525
25/64	0.3906	9.922
	0.3937	10.000
13/32	0.4063	10.319
27/64	0.4219	10.716
	0.4331	11.000
7/16	0.4375	11.113
29/64	0.4531	11.509
15/32	0.4688	11.906
	0.4724	12.000
31/64	0.4844	12.303
1/2	0.5000	12.700
	0.5118	13.000

Fraction	Decimal	Millimeter
33/64	0.5156	13.097
17/32	0.5313	13.494
35/64	0.5469	13.891
	0.5512	14.000
9/16	0.5625	14.288
37/64	0.5781	14.684
	0.5906	15.000
19/32	0.5938	15.081
39/64	0.6094	15.478
5/8	0.6250	15.875
	0.6299	16.000
41/64	0.6406	16.272
21/32	0.6563	16.669
	0.6693	17.000
43/64	0.6719	17.066
11/16	0.6875	17.463
45/64	0.7031	17.859
	0.7087	18.000
23/32	0.7188	18.256
47/64	0.7344	18.653
	0.7480	19.000
3/4	0.7500	19.050
49/64	0.7656	19.447
25/32	0.7813	19.844
	0.7874	20.000
51/64	0.7969	20.241
13/16	0.8125	20.638
	0.8268	21.000
53/64	0.8281	21.034
27/32	0.8438	21.431
55/64	0.8594	21.828
	0.8661	22.000
7/8	0.8750	22.225
57/64	0.8906	22.622
	0.9055	23.000
29/32	0.9063	23.019
59/64	0.9219	23.416
15/16	0.9375	23.813
	0.9449	24.000
61/64	0.9531	24.209
31/32	0.9688	24.606
	0.9843	25.000
63/64	0.9844	25.003
1	1.0000	25.400

1 millimeter = .039370 inch
1 centimeter = .393704 inch

1 decimeter = 3.93704 inches
1 meter = 39.370432 inches = 3.28 feet

WIRE GAUGE | WEIGHTS AND MEASURES



Wire Gauge No.	Decimal Equiv.	Iron & Steel Ft./Lb.	Lb./Ft.
00	0.331	3.422	0.2922
0	0.307	3.991	0.2506
3	0.250	6.313	0.1584
4	0.225	7.386	0.1354
5	0.207	8.75	0.1143
6	0.192	10.17	0.09832
7	0.177	11.97	0.08356
8	0.162	14.29	0.07
9	0.148	17.05	0.05866
10	0.135	20.57	0.04861
11	0.120	25.82	0.03873
12	0.105	33.69	0.02969
13	0.092	44.78	0.02233
14	0.080	58.58	0.01707
15	0.072	72.32	0.01383
16	0.063	95.98	0.01042
17	0.054	128.6	0.007778
18	0.047	166.2	0.006018
19	0.041	223.0	0.004484
20	0.035	309.6	0.00323
21	0.032	373.1	0.00268
22	0.028	458.4	0.002182
23	0.025	563.3	0.001775
24	0.023	708.7	0.001411
25	0.020	900.9	0.00111
26	0.018	1144	0.000874
27	0.017	1253	0.000798
28	0.016	1429	0.0007
29	0.015	1666	0.0006
30	0.014	1913	0.000523
31	0.0135	2152	0.000465
32	0.013	2288	0.000437
33	0.011	2693	0.000371
34	0.010	3466	0.000289
35	0.0095	4154	0.000241
36	0.009	4629	0.000216
37	0.0085	5189	0.000193
38	0.008	5858	0.000171
39	0.0075	6665	0.00015

WIRE MESH COMPARISON CHART

					Tensil Bolting Cloth				Mill Grade				Market Grade			
Approx. Microns	MM	US Sieve	OPG.	Tyler Sieve Eqiv.	MESH	OPG.	WIRE	%OA	MESH	OPG.	WIRE	%OA	MESH	OPG.	WIRE	%OA
25000	25.0	1"	1.00													
19000	19.0	3/4"	.750													
16000	16.0	5/8"	.625													
14288	14.3	9/16"	.562													
12500	12.5	1/2"	.500													
11200	11.2	7/16"	.438						2	.446	.054	79.6	2	.437	.063	76.4
9500	9.5	3/8"	.375													
8000	8.0	5/16"	.312													
6300	6.3	1/4"	.250						3	.292	.041	76.7	3	.279	.054	70.1
5600	5.6	3.5	.223	3.5					4	.215	.035	74.0	4	.2023	.0475	65.9
4750	4.75	4	.187	4									4	.187	.063	56.0
4000	4.0	5	.157	5					5	.168	.032	70.6	5	.159	.041	63.2
3350	3.35	6	.132	6					6	.139	.028	69.6	6	.132	.0348	62.7
2800	2.80	7	.110	7					7	.115	.028	64.8	7	.108	.035	57.2
2360	2.36	8	.0937	8					8	.100	.025	64.0	8	.0964	.0286	60.2
2000	2.0	10	.0787	9					9	.088	.023	62.7	10	.0742	.0258	56.3
1854	1.85								10	.080	.020	64.0	11	.073	.018	64.5
1700	1.7	12	.0661	10	14	.062	.009	76.4	12	.065	.018	60.8	12	.0603	.023	51.8
1400	1.4	14	.0555	12	16	.0535	.009	73.3	14	.054	.017	57.2	14	.051	.0204	51.0
1180	1.18	16	.0469	14	18	.0466	.009	70.2	16	.0465	.016	55.4	16	.0445	.0181	50.7
1041	1.04				20	.0410	.009	67.2								
1000	1.0	18	.0394	16	22	.0380	.0075	69.7	18	.0406	.015	53.4	18	.0386	.0173	48.3
850	.85	20	.0331	20	24	.0342	.0075	69.2	20	.0360	.014	51.8	20	.034	.0162	46.2
787	.787				26	.0310	.0075	64.8	22	.0320	.0135	49.6				
710	.71	25	.0278	24	28	.0282	.0075	62.4	24	.0287	.013	47.4	24	.0277	.014	44.2
681	.681				30	.0268	.0065	64.8	26	.0275	.011	51.1				
630	.63				32	.0248	.0065	62.7	28	.0257	.010	51.8				
600	.60	30	.0234	28	34	.0229	.0065	60.7	30	.0238	.0095	51.0				
541	.541				36	.0213	.0065	58.7	32	.0223	.009	50.9				
500	.50	35	.0197	32	38	.0198	.0065	56.7	34	.0204	.009	48.1	30	.0203	.0128	37.1
470	.47				40	.0185	.0065	54.8	36	.0188	.009	45.8				
465	.465				42	.0183	.0055	59.1	38	.0178	.0085	45.8				
437	.437				44	.0172	.0055	57.4					35	.0176	.0118	37.9
425	.425	40	.0165	35	46	.0162	.0055	55.8	40	.0165	.0085	43.6				

WIRE MESH COMPARISON CHART

					Tensil Bolting Cloth				Mill Grade				Market Grade			
Approx. Microns	MM	US Sieve	OPG.	Tyler Sieve Eqiv.	MESH	OPG.	WIRE	%OA	MESH	OPG.	WIRE	%OA	MESH	OPG.	WIRE	%OA
389	.389				48	.0153	.0055	54.2					40	.0150	.0104	36.0
368	.368				50	.0145	.0055	52.6								
355	.355	45	.0139	42	52	.0137	.0055	51.0	45	.0142	.008	40.8				
330	.33				54	.0130	.0055	49.4								
323	.323				58	.0127	.0045	54.6								
310	.31				60	.0122	.0045	53.3	50	.0125	.0075	39.1				
300	.30	50	.0117	48	62	.0116	.0045	51.7	55	.0112	.007	37.9				
282	.282				64	.0111	.0045	50.7					50	.0110	.0090	30.3
270	.27				70	.0106	.0037	54.9								
260	.26				72	.0102	.0037	53.8								
250	.25	60	.0098	60	74	.0098	.0037	52.7	60	.0102	.0065	37.5				
241	.241				76	.0095	.0037	51.7								
231	.231				78	.0091	.0037	50.6					60	.0092	.0075	30.5
224	.224				80	.0088	.0037	49.6								
212	.212	70	.0083	65	84	.0084	.0035	49.8								
200	.20				88	.0079	.0035	47.9								
193	.193				90	.0076	.0035	47.8								
180	.18	80	.0070	80	94	.0071	.0035	45.0					80	.0070	.0055	31.4
165	.165				105	.0065	.0030	46.9								
150	.15	100	.0059	100	120	.0058	.0025	47.3					100	.0055	.0045	30.3
125	.125	120	.0049	115	145	.0047	.0022	46.4					120	.0046	.0037	30.5
106	.106	140	.0041	150	165	.0042	.0019	47.1					150	.0041	.0026	37.9
90	.090	170	.0035	170	200	.0034	.0016	46.2					180	.0033	.0023	34.7
75	.075	200	.0029	200	230	.0029	.0014	46.0					200	.0029	.0021	33.6
63	.063	230	.0025	250									250	.0024	.0016	36.0
53	.053	270	.0021	270	300	.0021	.0012	40.5					270	.0021	.0016	32.2
45	.045	325	.0017	325									325	.0017	.0014	30.5
38	.038	400	.0015	400									400	.0015	.0010	36.0
25	.025	500	.0010										500	.0010	.0010	25.0
20	.020	635	.0008										635	.0008	.0008	25.0

MICRON TABLE

A micron is 1/1000 mm (0.00003937”). To the average naked eye, only particle sizes as small as 40 microns (.00157”) are visible.

These fine meshes are used predominately for filter elements employed in fluid power systems for the purpose of removing any impurities. Because of its hard working properties and also its corrosion resistance, Stainless Steel Woven Wire is generally used.

Micron	Inches
1	0.00003937
2	0.00007874
3	0.0001181
4	0.0001574
5	0.0001968
6	0.0002362
7	0.0002756
8	0.0003149
9	0.0003543
10	0.0003937
11	0.000433
12	0.000472
13	0.000512
14	0.000551
15	0.000591
16	0.00063
17	0.000669
18	0.000709
19	0.000748
20	0.000787

Micron	Inches
21	0.000827
22	0.000866
23	0.000906
24	0.000945
25	0.000984
26	0.001024
27	0.001063
28	0.001102
29	0.001142
30	0.001181
40	0.001575
50	0.001969
60	0.002362
70	0.002756
80	0.003150
90	0.003543
100	0.003937
150	0.005906
200	0.007874
300	0.011811

INDEX

Reduce your particle processing costs with these Midwestern products.

Midwestern's uniquely designed Multi-Vib® mounts two counter-rotating motors that creates a lineal motion. The lift and through action makes it suitable for finer screening with its compact design while achieving the same results as larger counterparts.

The ruggedly designed MEV® incorporates a parallel-arc configuration and creates an elliptical motion conveying material down the chutes. The MEV features end-tensioning to simplify and lower the cost of changing screen panels.

Midwestern's line of Gyra-Vib® round separators are ideal for sizing most particles, including liquid or solid applications, and are offered in various sizes and finishes. Maximize your throughput with multiple decks and by adding ball trays to help reduce blinding and plugging.

Screen efficiency is often affected by wet weather or moisture in the material being processed. Screen heating heats the wire enough to keep the damp materials from adhering to the wire. Screen heating can be easily fitted to any Midwestern unit as well as other models.

FREE TEST FACILITY

Our 10,000 square-foot materials testing lab features a wide array of equipment to simulate actual screening conditions for our customers. One of the industry's finest, our test facility is staffed by experienced application specialists, who are always available to discuss your screening needs.

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