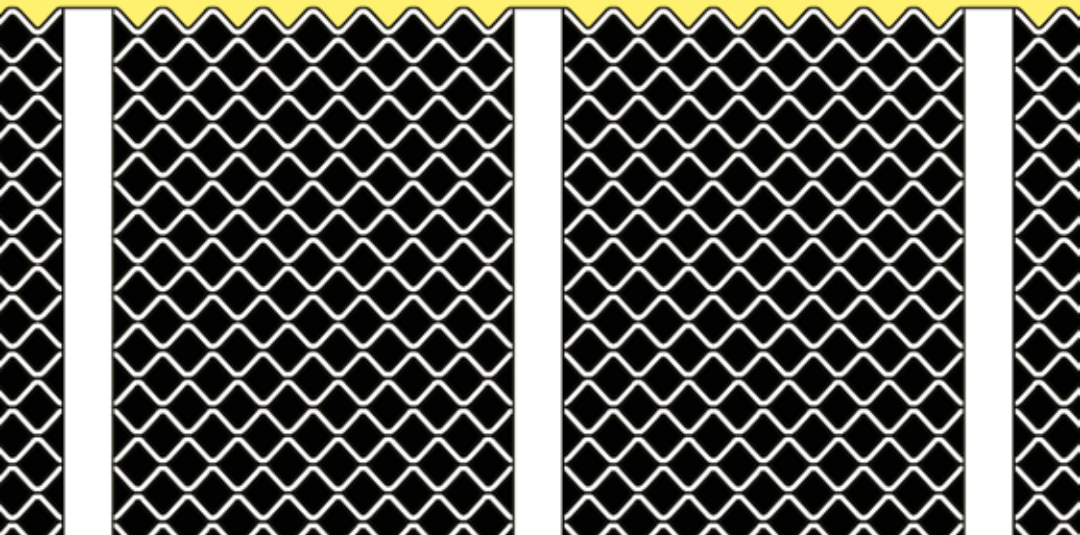


# INDUSTRIAL WIRE CLOTH



TOLL FREE  
**877-4-SIZING**

(877-474-9464)

MIDWESTERNIND.COM

sales@midwesternind.com



## ***PRODUCTS & SOLUTIONS***

***SERVICING YOUR SCREENING NEEDS SINCE 1953***

WHEN YOU OWN MIDWESTERN EQUIPMENT, YOU CAN COUNT ON PROMPT AND RELIABLE SERVICE. TECHNICIANS ARE AVAILABLE, AND OUR LOCATIONS MAINTAIN SUPPLIES OF CRITICAL REPLACEMENT PARTS THAT CAN BE SHIPPED FOR FAST DELIVERY. CALL TOLL FREE FOR ASSISTANCE.

## 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.

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# 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 inside front cover or 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.

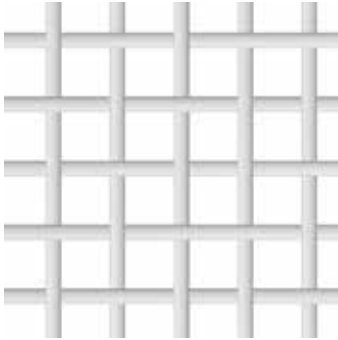
## SUGGESTIONS FOR ORDERING FORMED EDGES AND HOOK TYPES

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.

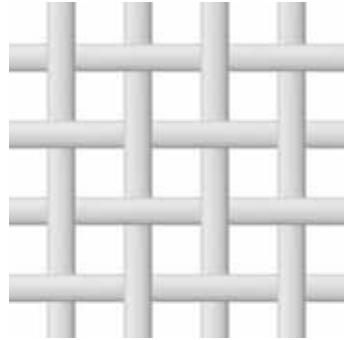
# SELECTION OF PROPER SCREEN

Figure 1



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

Figure 2

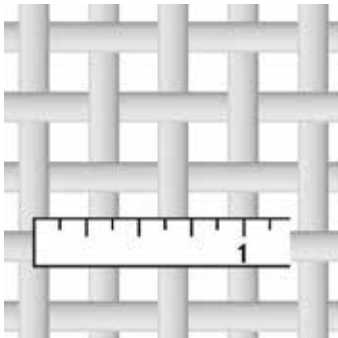


1/4" Opening  
2-1/2 x 2-1/2 Mesh  
.148" Dia. Wire

Selection of wire cloth with the proper screening capacity cannot be overstressed. 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.

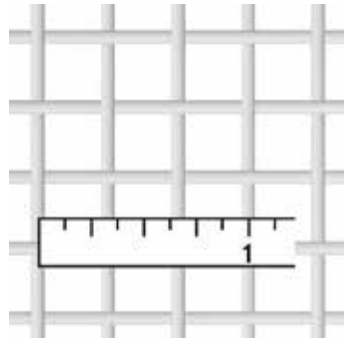
Screens of the same mesh count may have different size openings and wire sizes. As illustrated below, please note how the wire size is the determining factor of the clear opening. When ordering wire cloth by mesh count, be sure to specify wire size or decimal opening required.

Figure 3



3 Mesh  
.148" Wire  
30.8% Open Area

Figure 4



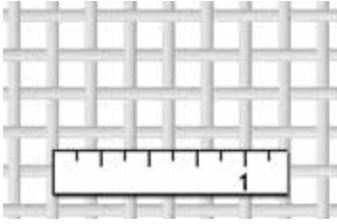
3 Mesh  
.063" Wire  
65.6% Open Area

# DEFINITION OF MESH AND SPACE

## Mesh

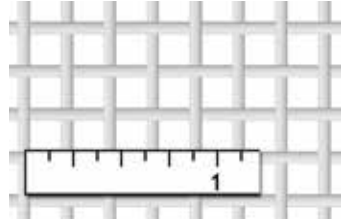
“Mesh” designates the number of openings and fractional parts of an opening per lineal inch. To determine the mesh, count the number of openings from the center of any one wire to the center of a parallel wire, one-inch in distance. When the point that is an inch distant from the center of the wire falls 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



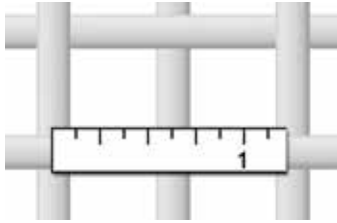
5 x 5 Mesh .063” Dia.

Figure 2



4-1/2 x 4-1/2 Mesh .063” Dia.

Figure 3

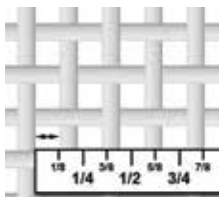


5/8” Mesh .177” Dia.

## Space

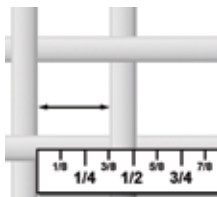
“Space” is the actual “clear opening” or space between inside edges of two parallel wires. The terms “Mesh” and “Space” should be carefully differentiated. Reference figures 1-3 for examples of “Mesh” and figures 4-6 for “Space”.

Figure 4



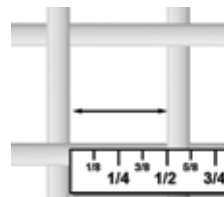
1/8” Space  
.092” Dia.

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.



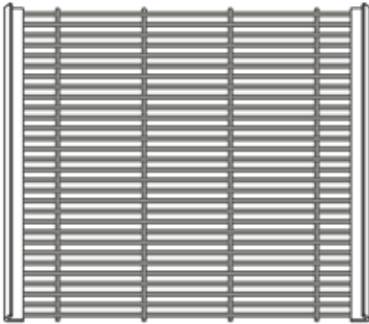
# SLOTTED OPENINGS

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.

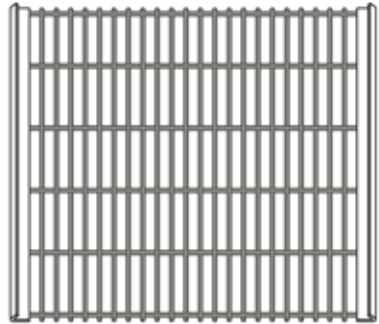
Experience is the determining factor for combining wire diameter, size of opening, and type of slot. The particular application and length of slot may determine the number of shoot wires.

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

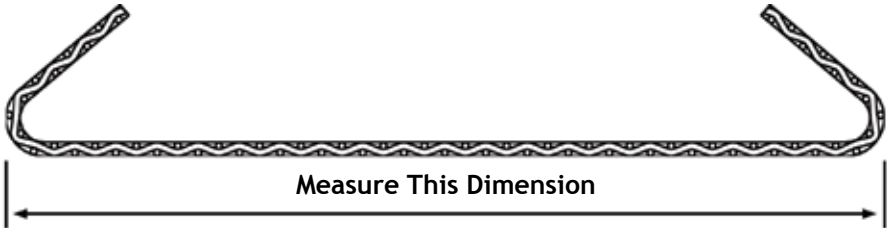


Triple Shoot

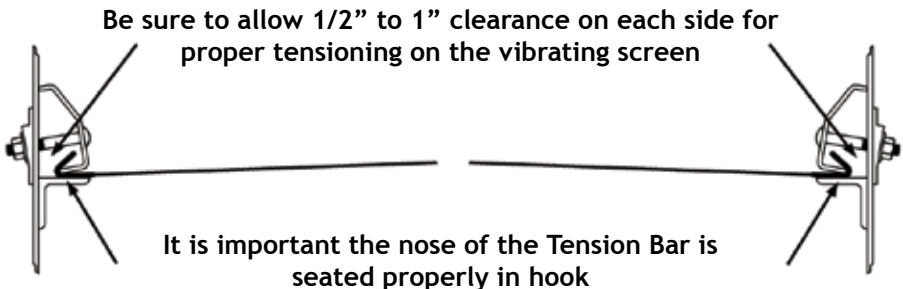
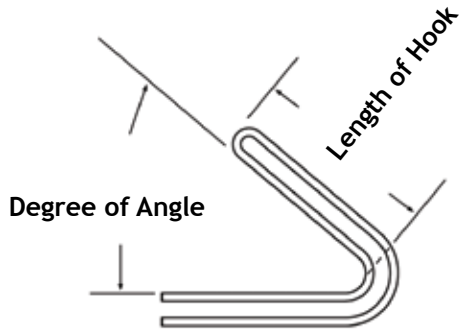
Please consult with a Midwestern Industries screening professional for a wide selection of available opening and slot length combinations.

# 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.

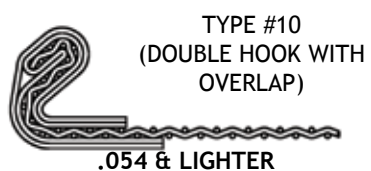
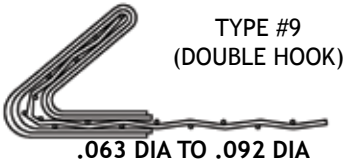
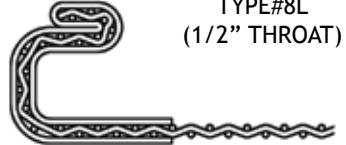
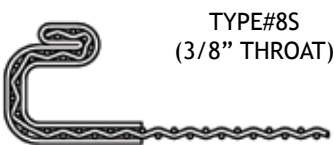
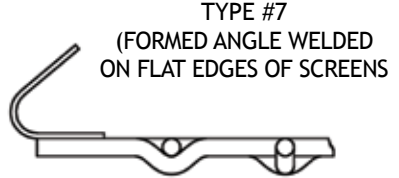
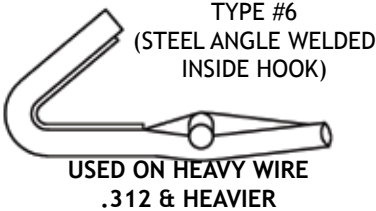
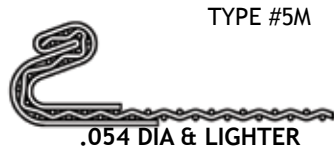
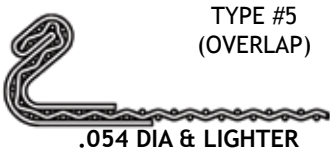
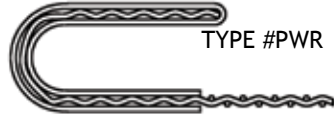
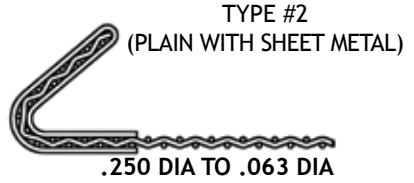
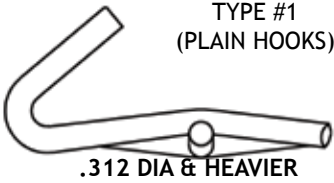


3. Specify angle and length of hook as shown in drawing



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.

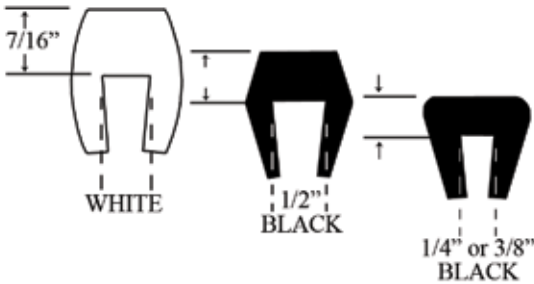
# TENSION HOOK TYPES



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

# CROWN BAR RUBBER

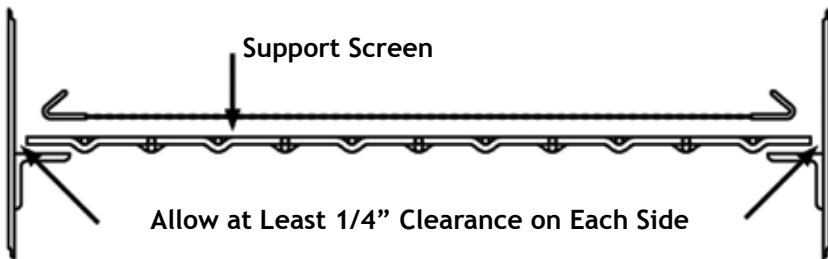
Also known as bucker rubber or channel rubber



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.

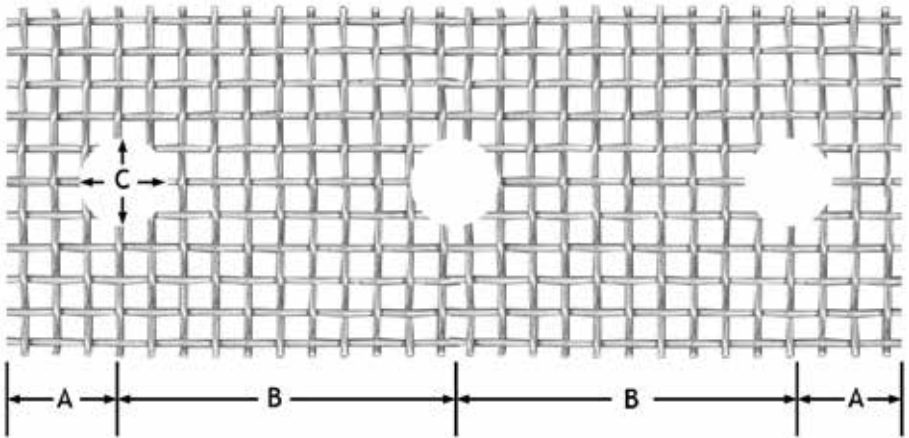
As illustrated in the drawing, allow ample clearance between the vibrator box and screen when ordering.

# 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

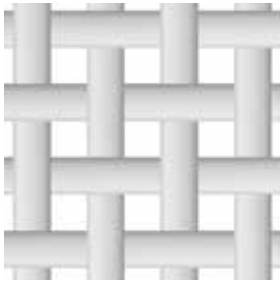
A definitive relationship exists between open area, rapidity of screening, and the life of the screen. A larger diameter wire will increase the life of the screen. It will also cut down on the open area and give you slower screening. In a fast moving industry, this may be false economy.

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

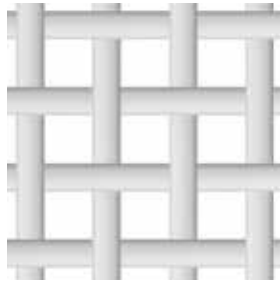
Between these two poles stands a medium diameter wire. You may find its shorter life will be compensated for by the greater tonnage that will pass.

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.

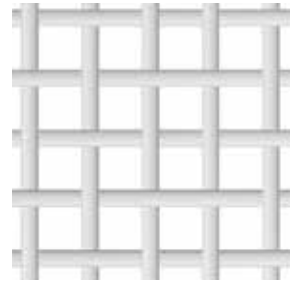
The drawings below illustrate the relationship between open area, wire gauge, speed of screening, length, and the working life of the screen. All three screens have the same opening (space between edges of wire), but the percentage of open area relative to the total area varies from one to the other.



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 four 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.



**“S” STYLE**

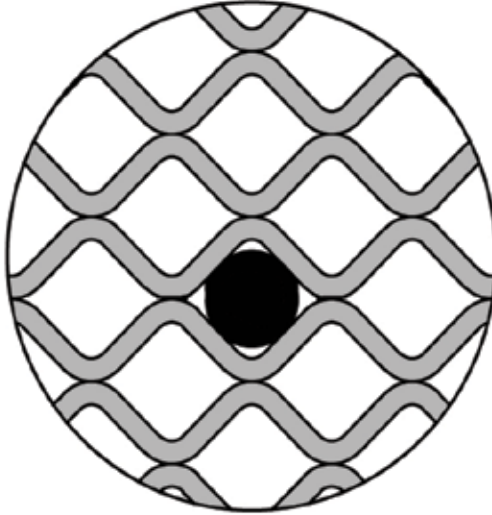
**“M” STYLE**

**“W” STYLE**

**“H” STYLE**

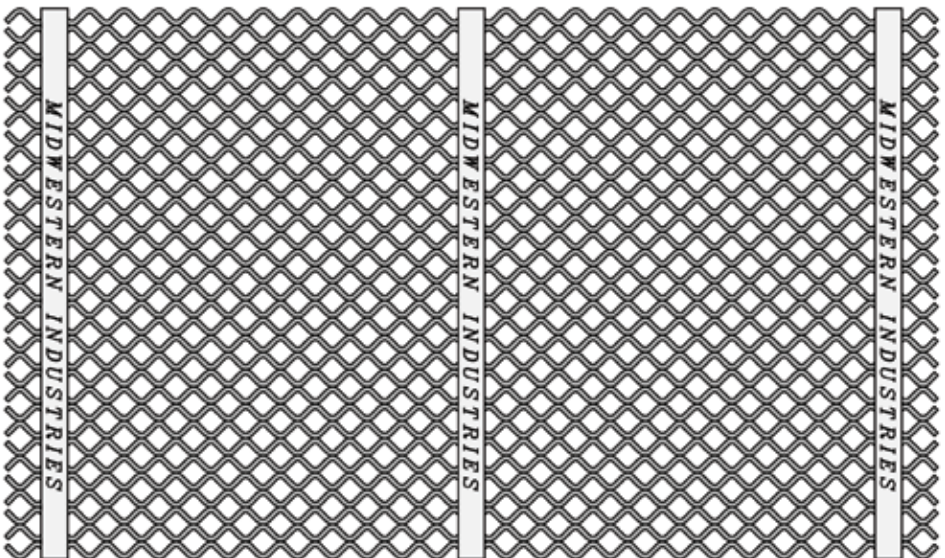
Midwestern Industries KLEAR-SCREENS can increase screening efficiency, increase screen life, and produce consistent product. They are designed to decrease cost per ton, can be utilized in most applications, and can be made to fit most units.

# 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.

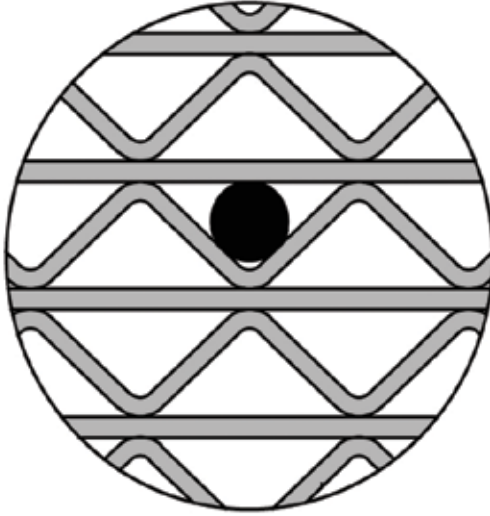


**MIDWESTERN INDUSTRIES  
KLEAR SCREENS**

**"S" STYLE**

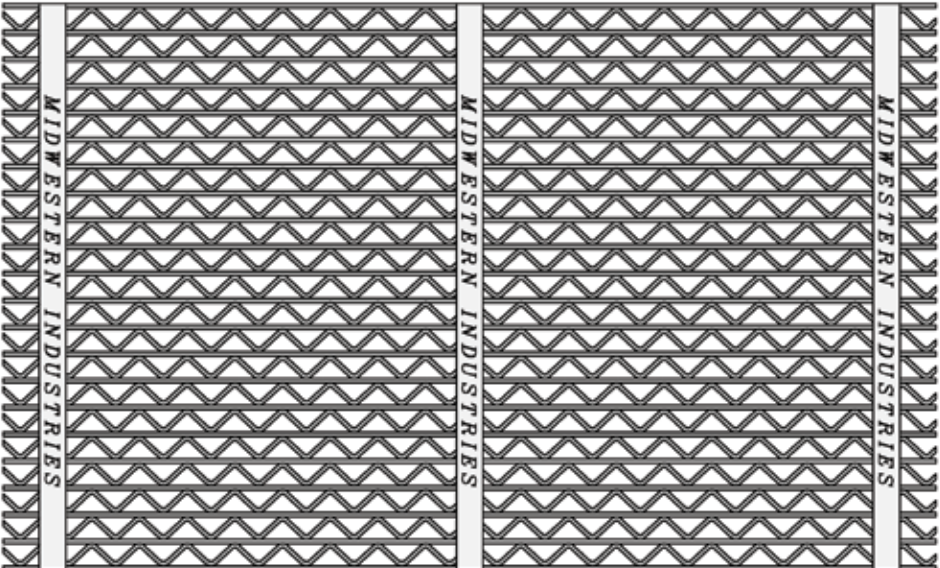
| OPENING       | WIRE SIZE | % O.A. | KLEAR W.P.S.F |
|---------------|-----------|--------|---------------|
| <b>1/8"</b>   | 0.047"    | 52.0   | 0.72          |
|               | 0.054"    | 48.0   | 0.88          |
|               | 0.063"    | 44.5   | 1.10          |
| <b>5/32"</b>  | 0.054" 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



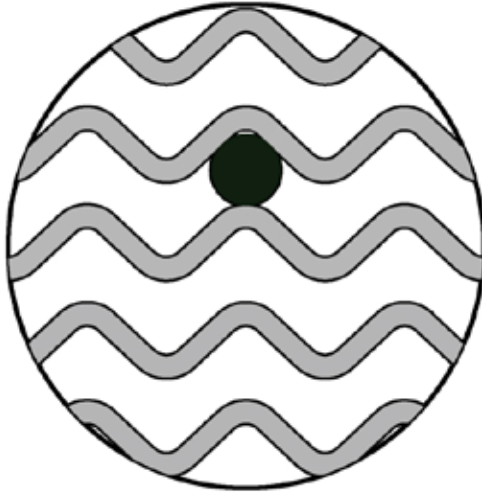
**MIDWESTERN INDUSTRIES  
KLEAR SCREENS**

**"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          |

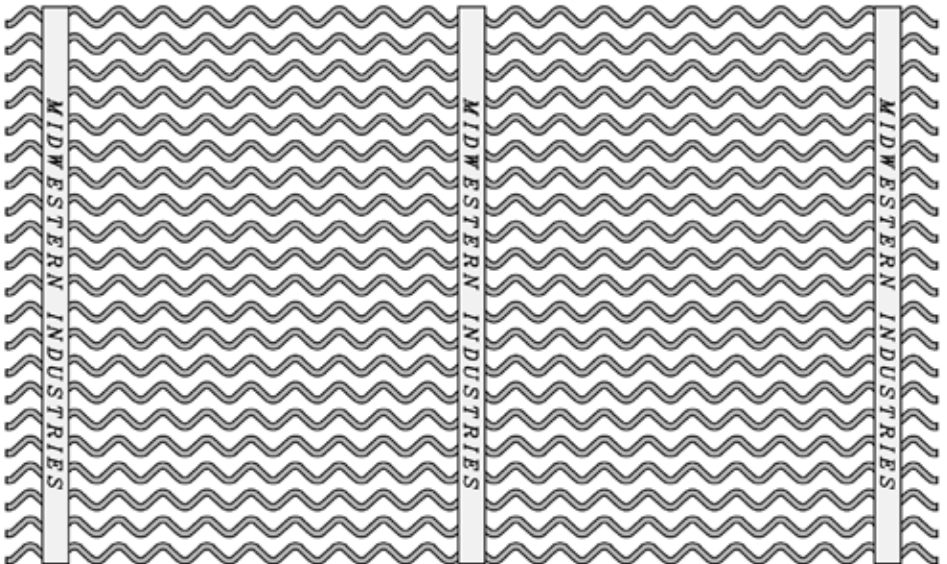


# KLEAR-SCREENS



## TYPE-W

The Type-W panels are ideal for applications with a high percentage of fine material. The “W” style screen provides a large percentage of open area and 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**

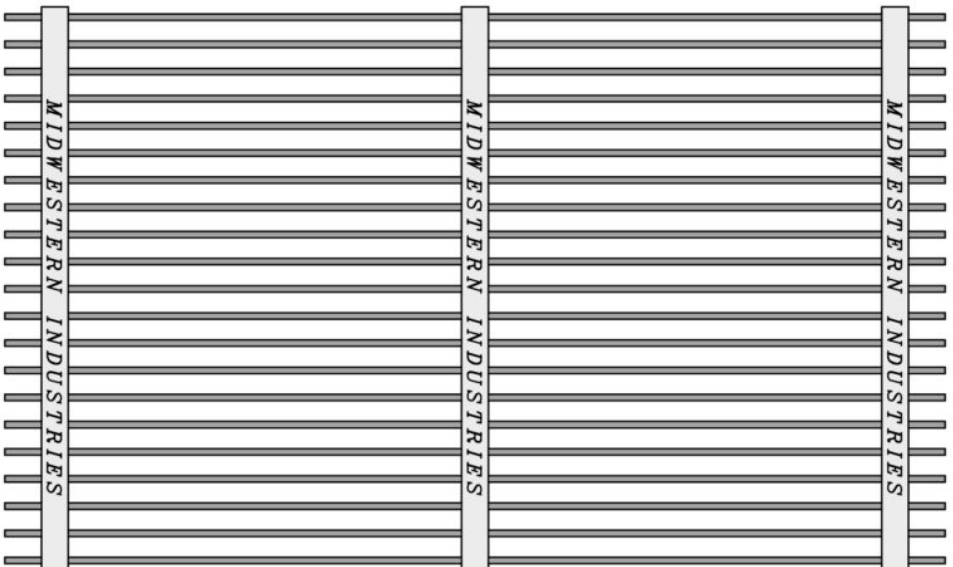
| OPENING       | WIRE SIZE | % O.A. | KLEAR W.P.S.F |
|---------------|-----------|--------|---------------|
| <b>1/8"</b>   | 0.047"    | 75.0   | 0.38          |
|               | 0.054"    | 72.7   | 0.47          |
|               | 0.063"    | 70.2   | 0.59          |
| <b>5/32"</b>  | 0.054" 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

# KLEAR-SCREENS



## TYPE-H

The Type-H panels are ideal for applications with a high percentage of fine material. This “H” style screen offers the largest percentage of open area in the KLEAR-SCREENS lineup. It is based off a traditional harp style screen where all wires are 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**

**"H" STYLE**

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

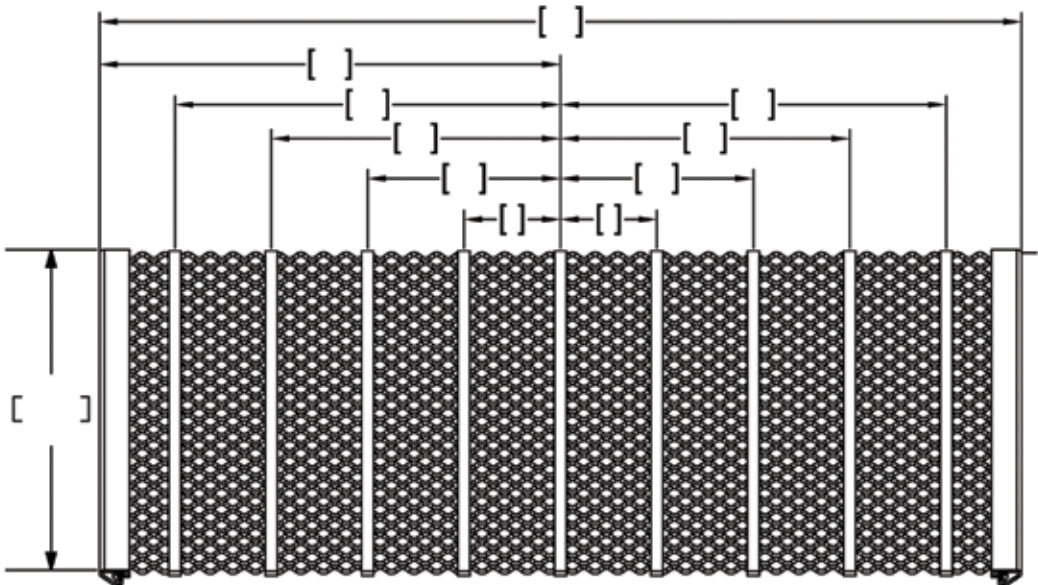
**STEP 1:** Measure the panel from the outside of one hook to the outside of the hook on the opposite end of the panel. (Make sure the panel is flat.)

**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.

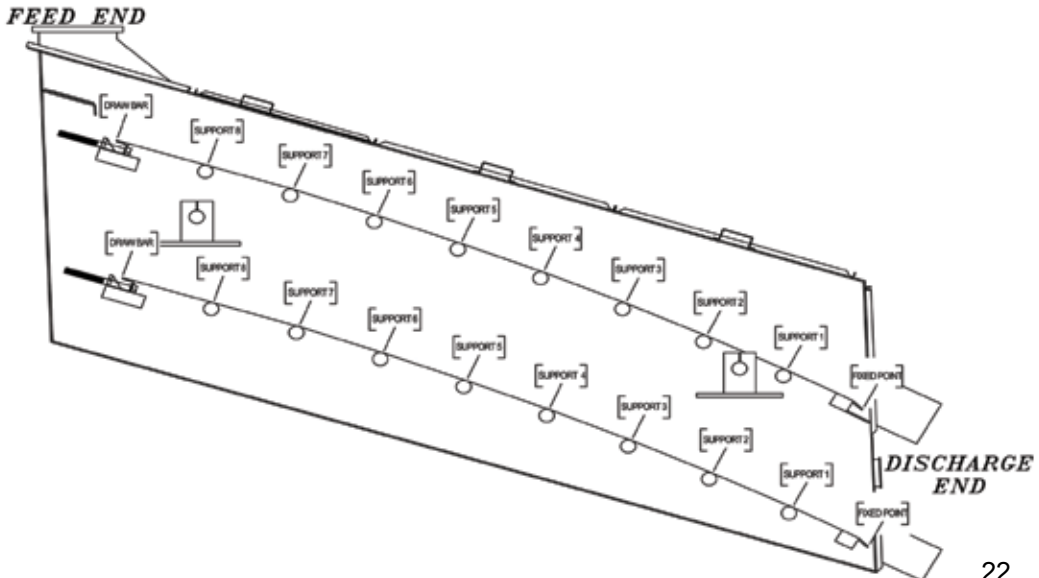
Follow these steps to properly measure an end-tensioned screener box:

**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.

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

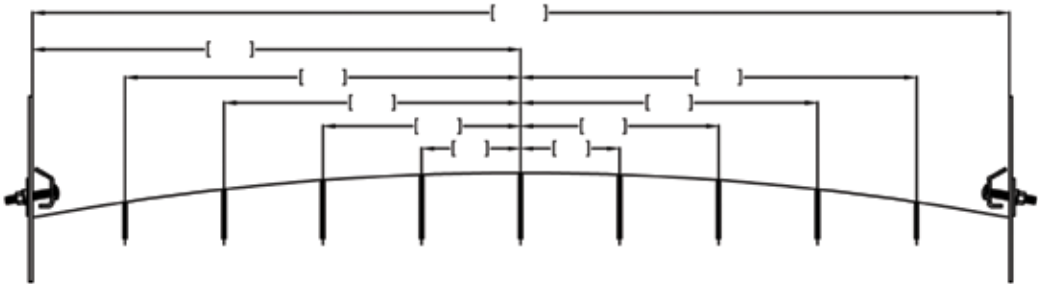
**STEP 1:** Measure the width of the screener box, from the inside of one side sheet to the inside of the side sheet on the opposite side of the screener.

**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.)

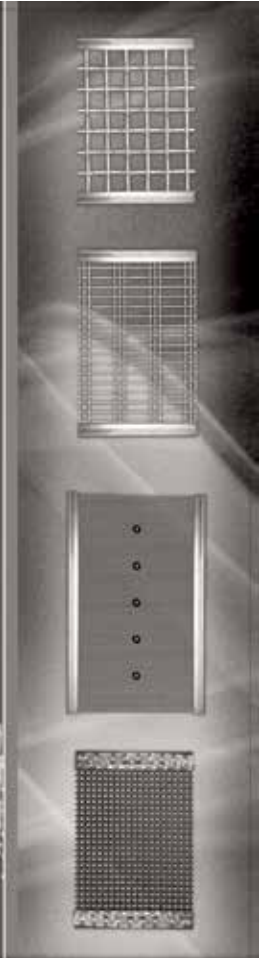


# CLEAR OPENING SCREENS

## CUSTOM WOVEN WIRE

Our screening panels are constructed to meet your exact needs. We specialize in weaving coarse and fine mesh cloth to standard and custom specifications. In addition, we provide a variety of gauges while offering high-carbon, oil-tempered, and stainless steel screens at very competitive prices. Be assured that your screen will arrive on time. We work hard to stay on schedule so you don't have to wait!

*Over 65 Years of Excellence*



## MIDWESTERN INDUSTRIES, INC.





# CLEAR OPENING SCREENS

| Size of Opening                        | Diameter of Wires - Inches | Open Area | Grades       | Weight, Lbs. per Sq. Ft. |
|--|----------------------------|-----------|--------------|--------------------------|
| <b>4"</b><br><b>Square Opening</b>     | 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                     |
| <b>3 3/4"</b><br><b>Square Opening</b> | 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                     |
| <b>3 1/2"</b><br><b>Square Opening</b> | 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                     |
| <b>3 1/4"</b><br><b>Square Opening</b> | 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                     |
| <b>3"</b><br><b>Square Opening</b>     | 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                     |

# CLEAR OPENING SCREENS

| Size of Opening                            | Diameter of Wires - Inches | Open Area      | Grades       | Weight, Lbs. per Sq. Ft. |
|--|----------------------------|----------------|--------------|--------------------------|
| <b>2 3/4"</b><br><br><b>Square Opening</b> | 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<br>0.250            | 80.6%<br>84.0% |              | 2.05<br>1.34             |
| <b>2 1/2"</b><br><br><b>Square Opening</b> | 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                     |
| <b>2 1/4"</b><br><br><b>Square Opening</b> | 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<br>0.207             | 81.0%<br>83.9% |              | 1.61<br>1.12             |
| <b>2"</b><br><br><b>Square Opening</b>     | 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                     |
| <b>1 3/4"</b><br><br><b>Square Opening</b> | 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...

# CLEAR OPENING SCREENS

| Size of Opening                        | Diameter of Wires - Inches | Open Area | Grades       | Weight, Lbs. per Sq. Ft. |
|--|----------------------------|-----------|--------------|--------------------------|
| <b>1 3/4"</b><br><b>Square Opening</b> | 0.207                      | 80.0%     |              | 1.41                     |
|  | 0.192                      | 81.2%     |              | 1.22                     |
| <b>1 1/2"</b><br><b>Square Opening</b> | 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                     |
| <b>1 3/8"</b><br><b>Square Opening</b> | 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                     |
| <b>1 1/4"</b><br><b>Square Opening</b> | 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                     |
| <b>1 1/8"</b><br><b>Square Opening</b> | 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...

# CLEAR OPENING SCREENS

| Size of Opening                            | Diameter of Wires - Inches | Open Area | Grades       | Weight, Lbs. per Sq. Ft. |
|--|----------------------------|-----------|--------------|--------------------------|
| <b>1 1/8"</b><br><br><b>Square Opening</b> | 0.177                      | 74.7%     |              | 1.55                     |
|  | 0.162                      | 76.4%     |              | 1.32                     |
|  | 0.148                      | 78.1%     |              | 1.11                     |
|  | 0.135                      | 79.7%     |              | 0.93                     |
| <b>1"</b><br><br><b>Square Opening</b>     | 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         |                          |
| <b>7/8"</b><br><br><b>Square Opening</b>   | 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         |                          |
| <b>3/4"</b><br><br><b>Square Opening</b>   | 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                     |

# CLEAR OPENING SCREENS

| Size of Opening                           | Diameter of Wires - Inches | Open Area | Grades       | Weight, Lbs. per Sq. Ft. |
|---|----------------------------|-----------|--------------|--------------------------|
| <b>5/8"</b><br><br><b>Square Opening</b>  | 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         |                          |
| <b>9/16"</b><br><br><b>Square Opening</b> | 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                     |
| <b>1/2"</b><br><br><b>Square Opening</b>  | 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         |                          |

# CLEAR OPENING SCREENS

| Size of Opening                           | Diameter of Wires - Inches | Open Area | Grades       | Weight, Lbs. per Sq. Ft. |
|---|----------------------------|-----------|--------------|--------------------------|
| <b>7/16"</b><br><br><b>Square Opening</b> | 0.250                      | 40.5%     |              | 6.19                     |
|   | 0.207                      | 46.0%     |              | 4.47                     |
|   | 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         |                          |
| <b>3/8"</b><br><br><b>Square Opening</b>  | 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         |                          |
| <b>5/16"</b><br><br><b>Square Opening</b> | 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         |                          |

# CLEAR OPENING SCREENS

| Size of Opening                           | Diameter of Wires - Inches | Open Area | Grades       | Weight, Lbs. per Sq. Ft. |
|---|----------------------------|-----------|--------------|--------------------------|
| <b>1/4"</b><br><br><b>Square Opening</b>  | 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                     |
| <b>3/16"</b><br><br><b>Square Opening</b> | 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         |                          |
| <b>5/32"</b><br><br><b>Square Opening</b> | 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         |                          |



# CLEAR OPENING SCREENS

| Size of Opening                           | Diameter of Wires - Inches | Open Area | Grades       | Weight, Lbs. per Sq. Ft. |
|---|----------------------------|-----------|--------------|--------------------------|
| <b>1/8"</b><br><br><b>Square Opening</b>  | 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                     |
| <hr/>                                     |                            |           |              |                          |
| <b>3/32"</b><br><br><b>Square Opening</b> | 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                     |
| <hr/>                                     |                            |           |              |                          |
| <b>1/16"</b><br><br><b>Square Opening</b> | 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

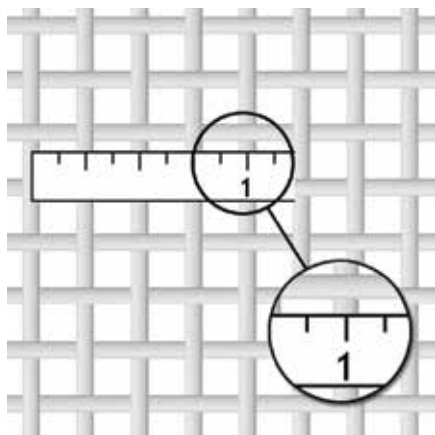


Figure 1

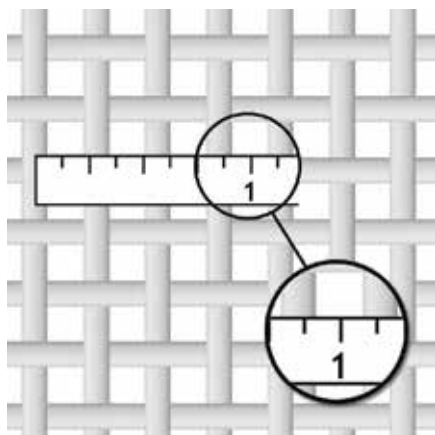


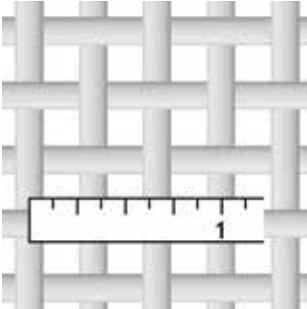
Figure 2

## Definition of Mesh

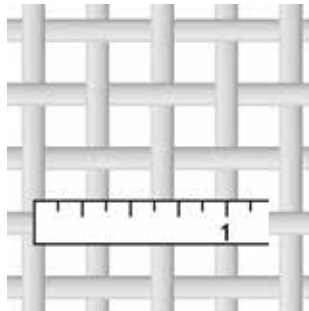
Mesh designates the number of openings and fractional parts of an opening, per lineal inch. To determine the mesh, count the number of openings from the center of any one wire to the center of a parallel wire, one inch in distance. Figure 1 illustrates a four mesh. When the point an inch distant from 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

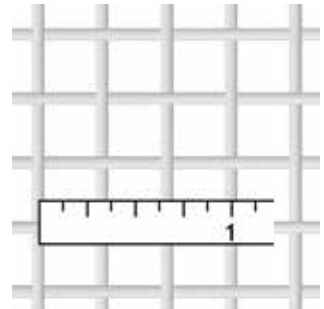
All the illustrations on this page are 3 Mesh wire cloth, that is, 3 openings to the inch; however, each is made from a different size wire. The actual opening is different in each case, as is the percent of open area. Remember, the larger the wire, the longer the life of the screen but the opening is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

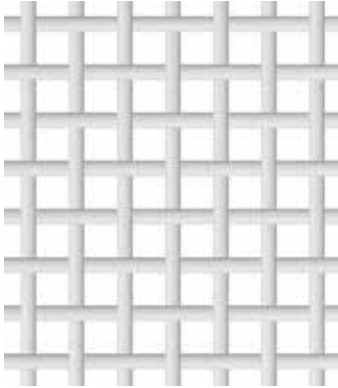


**3 Mesh; .120" Wire  
40.8% Open Area**

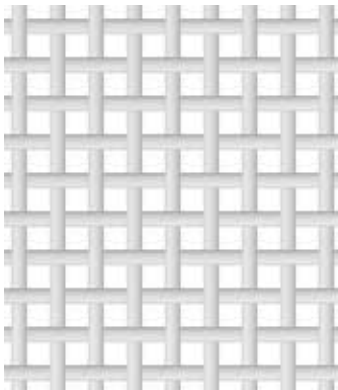


**3 Mesh; .063" Wire  
65.6% Open Area**

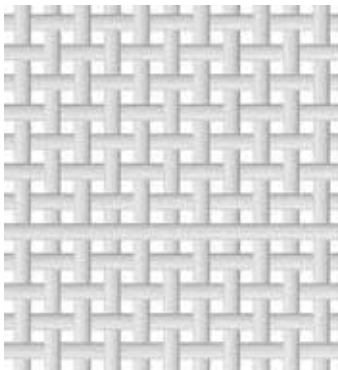
# MESH-DIAMETER-OPEN AREA



**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. Gauge No. | Diameter of Wires |             | Width of Opening |             | Weight, Pounds per 100 Sq.Ft., Steel | Open Area |
|--|------------|--------------------------------------|-------------------|-------------|------------------|-------------|--------------------------------------|-----------|
|  |            |                                      | Inches            | Millimeters | Inches           | Millimeters |                                      |           |
| <b>1"</b><br><br><b>SQUARE MESH</b><br><br>Center to Center of Wires   |            | 00                                   | 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%     |
|  |            | 5                                    | 0.207             | 5.26        | 0.793            | 20.14       | 280.1                                | 62.9%     |
|  |            | 6                                    | 0.192             | 4.88        | 0.808            | 20.52       | 240.3                                | 65.3%     |
|  |            | 7                                    | 0.177             | 4.50        | 0.823            | 20.90       | 203.7                                | 67.7%     |
|  |            | 8                                    | 0.162             | 4.11        | 0.838            | 21.29       | 170.2                                | 70.2%     |
|  |            | 9                                    | 0.148             | 3.76        | 0.852            | 21.64       | 141.7                                | 72.6%     |
|  |            | 10                                   | 0.135             | 3.43        | 0.865            | 21.97       | 117.7                                | 74.8%     |
|  |            | 11                                   | 0.120             | 3.05        | 0.880            | 22.35       | 92.8                                 | 77.4%     |
|  |            | 12                                   | 0.105             | 2.67        | 0.895            | 22.73       | 71.0                                 | 80.1%     |
|  |            | 13                                   | 0.092             | 2.34        | 0.908            | 23.06       | 54.4                                 | 82.4%     |
|  |            | 14                                   | 0.080             | 2.03        | 0.920            | 23.37       | 41.1                                 | 84.6%     |
|  |            | 15                                   | 0.072             | 1.83        | 0.928            | 23.57       | 33.3                                 | 86.1%     |
|  |            | 16                                   | 0.063             | 1.60        | 0.937            | 23.80       | 25.5                                 | 87.8%     |
| <b>3/4"</b><br><br><b>SQUARE MESH</b><br><br>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%     |
|  |            | 5                                    | 0.207             | 5.26        | 0.543            | 13.79       | 379.4                                | 52.4%     |
|  |            | 6                                    | 0.192             | 4.88        | 0.558            | 14.17       | 324.8                                | 55.3%     |
|  |            | 7                                    | 0.177             | 4.50        | 0.573            | 14.55       | 274.7                                | 58.3%     |
|  |            | 8                                    | 0.162             | 4.11        | 0.588            | 14.94       | 229.2                                | 61.4%     |
|  |            | 9                                    | 0.148             | 3.76        | 0.602            | 15.29       | 190.5                                | 64.4%     |
|  |            | 10                                   | 0.135             | 3.43        | 0.615            | 15.62       | 158.1                                | 67.2%     |
|  |            | 11                                   | 0.120             | 3.05        | 0.630            | 16.00       | 124.4                                | 70.5%     |
|  |            | 12                                   | 0.105             | 2.67        | 0.645            | 16.38       | 95.0                                 | 73.9%     |
|  |            | 13                                   | 0.092             | 2.34        | 0.658            | 16.71       | 72.8                                 | 76.9%     |
|  |            | 14                                   | 0.080             | 2.03        | 0.670            | 17.02       | 54.9                                 | 79.8%     |
|  |            | 15                                   | 0.072             | 1.83        | 0.678            | 17.22       | 44.5                                 | 81.7%     |
|  |            | 16                                   | 0.063             | 1.60        | 0.687            | 17.45       | 34.0                                 | 83.9%     |
|  |            | 17                                   | 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. Gauge No. | Diameter of Wires |             | Width of Opening |             | Weight, Pounds per 100 Sq.Ft., Steel | Open Area |
|--|--------------------------------|--------------------------------------|-------------------|-------------|------------------|-------------|--------------------------------------|-----------|
|  |                                |                                      | Inches            | Millimeters | Inches           | Millimeters |                                      |           |
| <b>5/8"</b><br><b>SQUARE MESH</b><br><br>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%     |
|  |                                | 5                                    | 0.207             | 5.26        | 0.418            | 10.62       | 462.4                                | 44.7%     |
|  |                                | 6                                    | 0.192             | 4.88        | 0.433            | 11.00       | 395.0                                | 48.0%     |
|  |                                | 7                                    | 0.177             | 4.50        | 0.448            | 11.38       | 333.5                                | 51.4%     |
|  |                                | 8                                    | 0.162             | 4.11        | 0.463            | 11.76       | 277.7                                | 54.9%     |
|  |                                | 9                                    | 0.148             | 3.76        | 0.477            | 12.12       | 230.5                                | 58.3%     |
|  |                                | 10                                   | 0.135             | 3.43        | 0.490            | 12.45       | 191.0                                | 61.5%     |
|  |                                | 11                                   | 0.120             | 3.05        | 0.505            | 12.83       | 150.2                                | 65.3%     |
|  |                                | 12                                   | 0.105             | 2.67        | 0.520            | 13.21       | 114.5                                | 69.2%     |
|  |                                | 13                                   | 0.092             | 2.34        | 0.533            | 13.54       | 87.9                                 | 72.7%     |
|  |                                | 14                                   | 0.080             | 2.03        | 0.545            | 13.84       | 66.1                                 | 76.0%     |
|  |                                | 15                                   | 0.072             | 1.83        | 0.553            | 14.05       | 53.5                                 | 78.3%     |
|  |                                | 16                                   | 0.063             | 1.60        | 0.562            | 14.27       | 40.9                                 | 80.9%     |
|  |                                | 17                                   | 0.054             | 1.37        | 0.571            | 14.50       | 30.0                                 | 83.5%     |
|  |                                | 18                                   | 0.047             | 1.19        | 0.578            | 14.68       | 22.7                                 | 85.5%     |
|  | <b>2</b><br><b>SQUARE MESH</b> |                                      | 3                 | 0.250       | 6.35             | 0.250       | 6.35                                 | 894.6     |
|  |                                | 5                                    | 0.207             | 5.26        | 0.293            | 7.44        | 593.8                                | 34.3%     |
|  |                                | 6                                    | 0.192             | 4.88        | 0.308            | 7.82        | 505.5                                | 37.9%     |
|  |                                | 7                                    | 0.177             | 4.50        | 0.323            | 8.20        | 425.4                                | 41.7%     |
|  |                                | 8                                    | 0.162             | 4.11        | 0.338            | 8.59        | 353.3                                | 45.7%     |
|  |                                | 9                                    | 0.148             | 3.76        | 0.352            | 8.94        | 292.4                                | 49.6%     |
|  |                                | 10                                   | 0.135             | 3.43        | 0.365            | 9.27        | 241.7                                | 53.3%     |
|  |                                | 11                                   | 0.120             | 3.05        | 0.380            | 9.65        | 189.6                                | 57.8%     |
|  |                                | 12                                   | 0.105             | 2.67        | 0.395            | 10.03       | 144.2                                | 62.4%     |
|  |                                | 13                                   | 0.092             | 2.34        | 0.408            | 10.36       | 110.2                                | 66.6%     |
|  |                                | 14                                   | 0.080             | 2.03        | 0.420            | 10.67       | 83.0                                 | 70.6%     |
|  |                                | 15                                   | 0.072             | 1.83        | 0.428            | 10.87       | 67.1                                 | 73.3%     |
|  | MG ML                          | 16                                   | 0.063             | 1.60        | 0.437            | 11.10       | 51.2                                 | 76.4%     |
|  |                                | 17                                   | 0.054             | 1.37        | 0.446            | 11.33       | 37.6                                 | 79.6%     |
|  |                                | 18                                   | 0.047             | 1.19        | 0.453            | 11.51       | 28.4                                 | 82.1%     |
|  |                                | 19                                   | 0.041             | 1.04        | 0.459            | 11.66       | 21.6                                 | 84.3%     |
|  |                                | 20                                   | 0.035             | 0.89        | 0.465            | 11.81       | 15.7                                 | 86.5%     |
| <b>2 1/4</b><br><b>SQUARE MESH</b><br><br>Continued on next page   |                                | 5                                    | 0.207             | 5.26        | 0.237            | 6.02        | 680.9                                | 28.4%     |
|  |                                | 6                                    | 0.192             | 4.88        | 0.252            | 6.40        | 578.4                                | 32.2%     |
|  |                                | 7                                    | 0.177             | 4.50        | 0.267            | 6.78        | 485.7                                | 36.1%     |
|  |                                | 8                                    | 0.162             | 4.11        | 0.282            | 7.16        | 402.3                                | 40.3%     |
|  |                                | 9                                    | 0.148             | 3.76        | 0.296            | 7.52        | 332.5                                | 44.4%     |
|  |                                | 10                                   | 0.135             | 3.43        | 0.309            | 7.85        | 274.3                                | 48.3%     |
|  |                                | 11                                   | 0.120             | 3.05        | 0.324            | 8.23        | 214.8                                | 53.1%     |

# SQUARE MESH WIRE CLOTH

\*Reference List

| Mesh per lineal inch            | Grade Type | Industrial Wire Cloth Std. Gauge No. | Diameter of Wires |             | Width of Opening |             | Weight, Pounds per 100 Sq.Ft., Steel | Open Area |
|---------------------------------|------------|--------------------------------------|-------------------|-------------|------------------|-------------|--------------------------------------|-----------|
|                                 |            |                                      | Inches            | Millimeters | Inches           | Millimeters |                                      |           |
| 2 1/4<br><br><b>SQUARE MESH</b> |            | 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<br><br><b>SQUARE MESH</b> |            | 5                                    | 0.207             | 5.26        | 0.193            | 4.90        | 772.2                                | 23.3%     |
|                                 |            | 6                                    | 0.192             | 4.88        | 0.208            | 5.28        | 654.4                                | 27.0%     |
|                                 |            | 7                                    | 0.177             | 4.50        | 0.223            | 5.66        | 548.2                                | 31.1%     |
|                                 |            | 8                                    | 0.162             | 4.11        | 0.238            | 6.05        | 453.1                                | 35.4%     |
|                                 |            | 9                                    | 0.148             | 3.76        | 0.252            | 6.40        | 373.7                                | 39.7%     |
|                                 |            | 10                                   | 0.135             | 3.43        | 0.265            | 6.73        | 307.8                                | 43.9%     |
|                                 |            | 11                                   | 0.120             | 3.05        | 0.280            | 7.11        | 240.6                                | 49.0%     |
|                                 |            | 12                                   | 0.105             | 2.67        | 0.295            | 7.49        | 182.4                                | 54.4%     |
|                                 |            | 13                                   | 0.092             | 2.34        | 0.308            | 7.82        | 139.0                                | 59.3%     |
|                                 |            | 14                                   | 0.080             | 2.03        | 0.320            | 8.13        | 104.4                                | 64.0%     |
|                                 |            | 15                                   | 0.072             | 1.83        | 0.328            | 8.33        | 84.3                                 | 67.2%     |
|                                 |            | 16                                   | 0.063             | 1.60        | 0.337            | 8.56        | 64.3                                 | 71.0%     |
|                                 |            | 17                                   | 0.054             | 1.37        | 0.346            | 8.79        | 47.1                                 | 74.8%     |
|                                 | 18         | 0.047                                | 1.19              | 0.353       | 8.97             | 35.6        | 77.9%                                |           |
|                                 | 19         | 0.041                                | 1.04              | 0.359       | 9.12             | 27.0        | 80.6%                                |           |
|                                 | 20         | 0.035                                | 0.89              | 0.365       | 9.27             | 19.7        | 83.3%                                |           |
| 2 3/4<br><br><b>SQUARE MESH</b> |            | 7                                    | 0.177             | 4.50        | 0.187            | 4.75        | 613.4                                | 26.4%     |
|                                 |            | 8                                    | 0.162             | 4.11        | 0.202            | 5.13        | 505.8                                | 30.9%     |
|                                 |            | 9                                    | 0.148             | 3.76        | 0.216            | 5.49        | 416.3                                | 35.3%     |
|                                 |            | 10                                   | 0.135             | 3.43        | 0.229            | 5.82        | 342.2                                | 39.7%     |
|                                 |            | 11                                   | 0.120             | 3.05        | 0.244            | 6.20        | 267.0                                | 45.0%     |
|                                 |            | 12                                   | 0.105             | 2.67        | 0.259            | 6.58        | 202.0                                | 50.7%     |
|                                 |            | 13                                   | 0.092             | 2.34        | 0.272            | 6.91        | 153.7                                | 56.0%     |
|                                 |            | 14                                   | 0.080             | 2.03        | 0.284            | 7.21        | 115.3                                | 61.0%     |
|                                 |            | 15                                   | 0.072             | 1.83        | 0.292            | 7.42        | 93.0                                 | 64.5%     |
|                                 |            | 16                                   | 0.063             | 1.60        | 0.301            | 7.65        | 70.9                                 | 68.5%     |
|                                 |            | 17                                   | 0.054             | 1.37        | 0.310            | 7.87        | 51.9                                 | 72.7%     |
|                                 |            | 18                                   | 0.047             | 1.19        | 0.317            | 8.05        | 39.2                                 | 76.0%     |
|                                 |            | 19                                   | 0.041             | 1.04        | 0.323            | 8.20        | 29.8                                 | 78.9%     |
|                                 | 20         | 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. Gauge No. | Diameter of Wires |             | Width of Opening |             | Weight, Pounds per 100 Sq.Ft., Steel | Open Area |       |
|------------------------------------|------------|--------------------------------------|-------------------|-------------|------------------|-------------|--------------------------------------|-----------|-------|
|                                    |            |                                      | Inches            | Millimeters | Inches           | Millimeters |                                      |           |       |
| <b>3</b><br><b>SQUARE MESH</b>     |            | 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% |
|                                    |            | ML                                   | 18                | 0.047       | 1.19             | 0.286       | 7.26                                 | 42.8      | 73.6% |
|                                    |            |                                      | 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% |
| <b>3 1/4</b><br><b>SQUARE MESH</b> |            | 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%       |                                      |           |       |
| <b>3 1/2</b><br><b>SQUARE MESH</b> |            | 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<br>lineal inch             | Grade Type | Industrial<br>Wire Cloth<br>Std. Gauge<br>No. | Diameter of Wires |             | Width of Opening |             | Weight,<br>Pounds per<br>100 Sq.Ft.,<br>Steel | Open Area |
|-------------------------------------|------------|---|-------------------|-------------|------------------|-------------|---|-----------|
|                                     |            |   | Inches            | Millimeters | Inches           | Millimeters |   |           |
| 3 3/4<br><br><b>SQUARE<br/>MESH</b> |            | 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<br><br><b>SQUARE<br/>MESH</b>     |            | 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%     |
|                                     |            | 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%     |
|                                     |            | 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%     |
|                                     |            | 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<br><br><b>SQUARE<br/>MESH</b> |            | 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. Gauge No. | Diameter of Wires |             | Width of Opening |             | Weight, Pounds per 100 Sq.Ft., Steel | Open Area |
|------------------------------------|------------|--------------------------------------|-------------------|-------------|------------------|-------------|--------------------------------------|-----------|
|                                    |            |                                      | Inches            | Millimeters | Inches           | Millimeters |                                      |           |
| <b>5</b><br><b>SQUARE MESH</b>     | MG         | 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%     |
|                                    |            | 19                                   | 0.041             | 1.04        | 0.159            | 4.04        | 54.9                                 | 63.2%     |
|                                    | ML         | 20                                   | 0.035             | 0.89        | 0.165            | 4.19        | 39.8                                 | 68.1%     |
|                                    |            | 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%                                |           |
| <b>5 1/2</b><br><b>SQUARE MESH</b> |            | 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%       |                                      |           |
| <b>6</b><br><b>SQUARE MESH</b>     |            | 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%     |
|                                    | MG         | 19                                   | 0.041             | 1.04        | 0.126            | 3.20        | 66.5                                 | 57.2%     |
|                                    |            | 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. Gauge No. | Diameter of Wires |             | Width of Opening |             | Weight, Pounds per 100 Sq.Ft., Steel | Open Area |       |
|---------------------------------|------------|--------------------------------------|-------------------|-------------|------------------|-------------|--------------------------------------|-----------|-------|
|                                 |            |                                      | Inches            | Millimeters | Inches           | Millimeters |                                      |           |       |
| 6 1/2<br><br><b>SQUARE MESH</b> |            | 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<br><br><b>SQUARE MESH</b>     |            | 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<br><br><b>SQUARE MESH</b> |            | 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. Gauge No.   | Diameter of Wires |             | Width of Opening |             | Weight, Pounds per 100 Sq.Ft., Steel | Open Area |
|------------------------------------|------------|--|-------------------|-------------|------------------|-------------|--------------------------------------|-----------|
|                                    |            |  | Inches            | Millimeters | Inches           | Millimeters |                                      |           |
| <b>8</b><br><br><b>SQUARE MESH</b> | MG<br>ML   | 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%     |
|                                    |            | 22                                     | 0.028             | 0.71        | 0.097            | 2.46        | 41.1                                 | 60.2%     |
|                                    |            | 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%     |
|                                    |            | <b>8 1/2</b><br><br><b>SQUARE MESH</b> |                   | 15          | 0.072            | 1.83        | 0.046                                | 1.17      |
| 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%     |
| <b>9</b><br><br><b>SQUARE MESH</b> | ML         |  |                   | 15          | 0.072            | 1.83        | 0.039                                | 0.99      |
|                                    |            | 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%     |
|                                    |            | 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. Gauge No. | Diameter of Wires |             | Width of Opening |             | Weight, Pounds per 100 Sq. Ft., Steel | Open Area |       |
|---------------------------------|------------------------------|--------------------------------------|-------------------|-------------|------------------|-------------|---------------------------------------|-----------|-------|
|                                 |                              |                                      | Inches            | Millimeters | Inches           | Millimeters |                                       |           |       |
| 9 1/2<br><br><b>SQUARE MESH</b> |                              | 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<br><br><b>SQUARE MESH</b> |                                      | 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%     |       |
|                                 |                              | 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%     |       |
|                                 |                              | MG                                   | 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% |
|                                 |                              | ML                                   | 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<br><br><b>SQUARE MESH</b>    |                              | 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%     |       |
|                                 |                              | MG                                   | 25                | 0.020       | 0.51             | 0.071       | 1.803                                 | 28.8      | 61.0% |
|                                 |                              |                                      | 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. Gauge No. | Diameter of Wires |             | Width of Opening |             | Weight, Pounds per 100 Sq. Ft., Steel | Open Area |       |
|---------------------------------|------------|--------------------------------------|-------------------|-------------|------------------|-------------|---------------------------------------|-----------|-------|
|                                 |            |                                      | Inches            | Millimeters | Inches           | Millimeters |                                       |           |       |
| <b>12</b><br><b>SQUARE MESH</b> | MG         | 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%     |       |
|                                 |            | 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%     |       |
|                                 |            | <b>13</b><br><b>SQUARE MESH</b>      |                   | 19          | 0.041            | 1.041       | 0.036                                 | 0.914     | 150.6 |
| 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%     |       |
| <b>14</b><br><b>SQUARE MESH</b> |            | 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%     |       |
|                                 |            | MG                                   | 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% |
|                                 |            |                                      | 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. Gauge No. | Diameter of Wires |             | Width of Opening |             | Weight, Pounds per 100 Sq.Ft., Steel | Open Area |
|---------------------------------|--------------|--------------------------------------|-------------------|-------------|------------------|-------------|--------------------------------------|-----------|
|                                 |              |                                      | Inches            | Millimeters | Inches           | Millimeters |                                      |           |
| <b>15</b><br><b>SQUARE MESH</b> |              | 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%       |                                      |           |
| <b>16</b><br><b>SQUARE MESH</b> | MG<br><br>ML | 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%     |
|                                 |              | 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%     |
|                                 |              | 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%       |                                      |           |
| <b>18</b><br><b>SQUARE MESH</b> | MG           | 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%     |
| 27                              | 0.017        | 0.432                                | 0.0386            | 0.980       | 34.8             | 48.3%       |                                      |           |

Continued  
on next page

# SQUARE MESH WIRE CLOTH

\*Reference List

| Mesh per lineal inch            | Grade Type | Industrial Wire Cloth Std. Gauge No. | Diameter of Wires |             | Width of Opening |             | Weight, Pounds per 100 Sq.Ft., Steel | Open Area |       |       |
|---------------------------------|------------|--------------------------------------|-------------------|-------------|------------------|-------------|--------------------------------------|-----------|-------|-------|
|                                 |            |                                      | Inches            | Millimeters | Inches           | Millimeters |                                      |           |       |       |
| <b>18</b><br><b>SQUARE MESH</b> | ML         | 28                                   | 0.016             | 0.406       | 0.0396           | 1.006       | 30.7                                 | 50.8%     |       |       |
|                                 |            | 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%     |       |       |
|                                 | TBC        | 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%     |       |       |
|                                 |            | 36                                   | 0.009             | 0.229       | 0.0466           | 1.184       | 9.5                                  | 70.4%     |       |       |
|                                 |            | <hr/>                                |                   |             |                  |             |                                      |           |       |       |
|                                 |            | <b>20</b><br><b>SQUARE MESH</b>      |                   | 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%     |       |       |
| MG                              | 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%     |       |       |
|                                 | 28         |                                      | 0.016             | 0.406       | 0.0340           | 0.864       | 34.4                                 | 46.2%     |       |       |
| ML                              | 29         |                                      | 0.015             | 0.381       | 0.0350           | 0.889       | 30.1                                 | 49.0%     |       |       |
|                                 | 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%     |       |       |
| TBC                             | 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%     |       |       |
|                                 |            |                                      | 36                | 0.009       | 0.229            | 0.0410      | 1.041                                | 10.5      | 67.2% |       |
| <hr/>                           |            |                                      |                   |             |                  |             |                                      |           |       |       |
| <b>22</b><br><b>SQUARE MESH</b> |            | 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%     |       |       |
|                                 | ML         | 30                                   | 0.014             | 0.356       | 0.0315           | 0.800       | 28.9                                 | 48.0%     |       |       |
|                                 |            | 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. Gauge No. | Diameter of Wires |             | Width of Opening |             | Weight, Pounds per 100 Sq. Ft., Steel | Open Area |       |
|---------------------------------|---------------------------------|--------------------------------------|-------------------|-------------|------------------|-------------|---------------------------------------|-----------|-------|
|                                 |                                 |                                      | Inches            | Millimeters | Inches           | Millimeters |                                       |           |       |
| <b>24</b><br><b>SQUARE MESH</b> | MG                              | 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%     |       |
|                                 |                                 | 30                                   | 0.014             | 0.356       | 0.0277           | 0.704       | 31.8                                  | 44.2%     |       |
|                                 |                                 | ML                                   | 31                | 0.0135      | 0.343            | 0.0282      | 0.716                                 | 29.4      | 45.8% |
|                                 |                                 |                                      | 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%     |       |
|                                 | TBC                             | 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%     |       |
|                                 |                                 | 39                                   | 0.0075            | 0.191       | 0.0342           | 0.869       | 8.8                                   | 67.4%     |       |
|                                 | <b>26</b><br><b>SQUARE MESH</b> | ML                                   | 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%     |       |
| 33                              |                                 |                                      | 0.011             | 0.279       | 0.0275           | 0.699       | 20.9                                  | 51.1%     |       |
| TBC                             |                                 | 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%     |       |
| 39                              |                                 | 0.0075                               | 0.191             | 0.0310      | 0.787            | 9.5         | 65.0%                                 |           |       |
| <b>28</b><br><b>SQUARE MESH</b> |                                 | TBC                                  | 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%     |       |
|                                 | ML                              | 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%     |       |
|                                 |                                 | 33                                   | 0.011             | 0.279       | 0.0247           | 0.627       | 23.0                                  | 47.4%     |       |

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# SQUARE MESH WIRE CLOTH

\*Reference List

| Mesh per lineal inch            | Grade Type | Industrial Wire Cloth Std. Gauge No. | Diameter of Wires |             | Width of Opening |             | Weight, Pounds per 100 Sq.Ft., Steel | Open Area |       |
|---------------------------------|------------|--------------------------------------|-------------------|-------------|------------------|-------------|--------------------------------------|-----------|-------|
|                                 |            |                                      | Inches            | Millimeters | Inches           | Millimeters |                                      |           |       |
| <b>28</b><br><b>SQUARE MESH</b> | 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%     |       |
|                                 | TBC        | 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%     |       |
|                                 |            | 39                                   | 0.0075            | 0.191       | 0.0282           | 0.716       | 10.3                                 | 62.3%     |       |
|                                 |            | <hr/>                                |                   |             |                  |             |                                      |           |       |
|                                 |            | <b>30</b><br><b>SQUARE MESH</b>      |                   | 27          | 0.017            | 0.432       | 0.0163                               | 0.414     | 59.2  |
| 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%     |       |
| MG                              | 31         |                                      | 0.0135            | 0.343       | 0.0198           | 0.503       | 37.8                                 | 35.3%     |       |
|                                 | 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%     |       |
|                                 | ML         |                                      | 34                | 0.010       | 0.254            | 0.0233      | 0.592                                | 20.0      | 48.9% |
| 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%                                |           |       |
| <hr/>                           |            |                                      |                   |             |                  |             |                                      |           |       |
| <b>32</b><br><b>SQUARE MESH</b> |            | 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%     |       |
|                                 |            | ML                                   | 35                | 0.0095      | 0.241            | 0.0218      | 0.554                                | 19.3      | 48.7% |
|                                 | 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%                                |           |       |
| <hr/>                           |            |                                      |                   |             |                  |             |                                      |           |       |
| <b>35</b><br><b>SQUARE MESH</b> |            | 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%     |       |
|                                 | MG         | 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%     |       |
|                                 |            | 33                                   | 0.011             | 0.279       | 0.0176           | 0.447       | 29.0                                 | 37.9%     |       |
|                                 |            | <hr/>                                |                   |             |                  |             |                                      |           |       |
|                                 |            | Continued on next page               |                   |             |                  |             |                                      |           |       |

# SQUARE MESH WIRE CLOTH

\*Reference List

| Mesh per lineal inch                | Grade Type                          | Industrial Wire Cloth Std. Gauge No. | Diameter of Wires |             | Width of Opening |             | Weight, Pounds per 100 Sq.Ft., Steel | Open Area |       |
|-------------------------------------|-------------------------------------|--------------------------------------|-------------------|-------------|------------------|-------------|--------------------------------------|-----------|-------|
|                                     |                                     |                                      | Inches            | Millimeters | Inches           | Millimeters |                                      |           |       |
| <b>35</b><br><br><b>SQUARE MESH</b> |                                     | 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%     |       |
| <b>38</b><br><br><b>SQUARE MESH</b> |                                     | 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% |
|                                     | <b>40</b><br><br><b>SQUARE MESH</b> |                                      | 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% |
| <b>42</b><br><br><b>SQUARE MESH</b> |                                     | 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

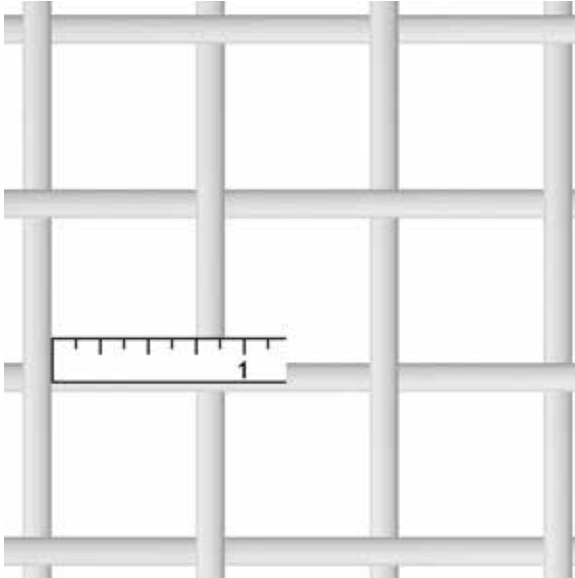
| Mesh per lineal inch            | Grade Type                      | Industrial Wire Cloth Std. Gauge No. | Diameter of Wires |             | Width of Opening |             | Weight, Pounds per 100 Sq.Ft., Steel | Open Area |       |
|---------------------------------|---------------------------------|--------------------------------------|-------------------|-------------|------------------|-------------|--------------------------------------|-----------|-------|
|                                 |                                 |                                      | Inches            | Millimeters | Inches           | Millimeters |                                      |           |       |
| <b>45</b><br><b>SQUARE MESH</b> | ML                              | 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%     |       |
|                                 |                                 | 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%     |       |
|                                 |                                 | <b>50</b><br><b>SQUARE MESH</b>      | MG                | 32.5        | 0.012            | 0.305       | 0.0080                               | 0.203     | 51.1  |
| 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%     |       |
| 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%     |       |
|                                 | 33                              |                                      | 0.011             | 0.279       | 0.0072           | 0.183       | 47.3                                 | 15.7%     |       |
| <b>55</b><br><b>SQUARE MESH</b> | ML                              |                                      | 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%     |       |
|                                 | 40                              | 0.007                                | 0.178             | 0.0112      | 0.284            | 18.5        | 37.9%                                |           |       |
|                                 | <b>60</b><br><b>SQUARE MESH</b> | MG                                   | 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%     |       |
| ML                              |                                 | 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%     |       |
|                                 |                                 | 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%     |       |
|                                 |                                 | 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. Gauge No. | Diameter of Wires |             | Width of Opening |             | Weight, Pounds per 100 Sq.Ft., Steel | Open Area |
|----------------------|------------|--------------------------------------|-------------------|-------------|------------------|-------------|--------------------------------------|-----------|
|                      |            |                                      | Inches            | Millimeters | Inches           | Millimeters |                                      |           |
| <b>65</b>            |            | 39                                   | 0.0075            |             | 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%     |
| <b>SQUARE MESH</b>   |            |                                      |                   |             |                  |             |                                      |           |
| <b>70</b>            |            | 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%     |
| <b>SQUARE MESH</b>   |            | 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%     |
| <b>75</b>            |            | 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%     |
| <b>SQUARE MESH</b>   |            |                                      |                   |             |                  |             |                                      |           |
| <b>80</b>            | MG         | 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%     |
|                      |            |                                      | 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%                                |           |
| <b>90</b>            |            |                                      | 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%     |
| <b>SQUARE MESH</b>   |            |                                      |                   |             |                  |             |                                      |           |
| <b>100</b>           | 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%     |
| <b>SQUARE MESH</b>   |            |                                      | 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<br>per 100 Sq. Ft.,<br>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<br>per 100 Sq. Ft.,<br>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%     |



# SQUARE MESH WIRE CLOTH

## by decimal opening

*\*Reference List*

| Width of Opening |             | Mesh   | Diameter of Wire |             | Weight, Pounds<br>per 100 Sq. Ft.,<br>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<br>per 100 Sq. Ft.,<br>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<br>per 100 Sq. Ft.,<br>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<br>per 100 Sq. Ft.,<br>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<br>per 100 Sq. Ft.,<br>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<br>per 100 Sq. Ft.,<br>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<br>per 100 Sq. Ft.,<br>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<br>per 100 Sq. Ft.,<br>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<br>per 100 Sq. Ft.,<br>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<br>per 100 Sq. Ft.,<br>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<br>per 100 Sq. Ft.,<br>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 | Meshes per Lineal Inch | DIAMETER OF WIRES |             | WIDTH OF OPENING |             | OPEN AREA |
|------------------------|-------------------|-------------|------------------|-------------|-----------|------------------------|-------------------|-------------|------------------|-------------|-----------|
|                        | Inches            | Millimeters | Inches           | Millimeters |           |                        | Inches            | Millimeters | Inches           | Millimeters |           |
| 14                     | 0.009             | 0.228       | 0.0620           | 1.59        | 76.4%     | 60                     | 0.0045            | 0.1143      | 0.0122           | 0.31        | 53.3%     |
| 16                     | 0.009             | 0.229       | 0.0535           | 1.36        | 73.3%     | 62                     | 0.0045            | 0.1143      | 0.0166           | 0.295       | 51.7%     |
| 18                     | 0.009             | 0.229       | 0.0466           | 1.18        | 70.2%     | 64                     | 0.0045            | 0.1143      | 0.0111           | 0.282       | 50.7%     |
| 20                     | 0.009             | 0.229       | 0.0410           | 1.04        | 67.2%     |                        |                   |             |                  |             |           |
|                        |                   |             |                  |             |           | 70                     | 0.0037            | 0.094       | 0.0106           | 0.269       | 54.9%     |
| 22                     | 0.0075            | 0.191       | 0.0380           | 0.965       | 69.7%     | 72                     | 0.0037            | 0.094       | 0.0102           | 0.259       | 53.8%     |
| 24                     | 0.0075            | 0.191       | 0.0342           | 0.860       | 67.2%     | 74                     | 0.0037            | 0.094       | 0.0098           | 0.219       | 52.7%     |
| 26                     | 0.0075            | 0.191       | 0.0310           | 0.787       | 64.8%     |                        |                   |             |                  |             |           |
|                        |                   |             |                  |             |           | 76                     | 0.0037            | 0.094       | 0.0095           | 0.241       | 51.7%     |
| 28                     | 0.0075            | 0.191       | 0.0282           | 0.716       | 62.4%     | 78                     | 0.0037            | 0.094       | 0.0091           | 0.231       | 50.6%     |
| 30                     | 0.0065            | 0.165       | 0.0268           | 0.681       | 64.8%     | 80                     | 0.0037            | 0.094       | 0.0088           | 0.224       | 49.6%     |
| 32                     | 0.0065            | 0.165       | 0.0248           | 0.630       | 62.7%     |                        |                   |             |                  |             |           |
|                        |                   |             |                  |             |           | 84                     | 0.0035            | 0.089       | 0.0084           | 0.213       | 49.8%     |
| 34                     | 0.0065            | 0.165       | 0.0229           | 0.582       | 60.7%     | 88                     | 0.0035            | 0.089       | 0.0079           | 0.201       | 47.9%     |
| 36                     | 0.0065            | 0.165       | 0.0213           | 0.541       | 58.7%     | 90                     | 0.0035            | 0.089       | 0.0076           | 0.193       | 47.8%     |
| 38                     | 0.0065            | 0.165       | 0.0198           | 0.503       | 56.7%     |                        |                   |             |                  |             |           |
|                        |                   |             |                  |             |           | 94                     | 0.0035            | 0.089       | 0.0071           | 0.181       | 45.0%     |
| 40                     | 0.0065            | 0.165       | 0.0185           | 0.470       | 54.8%     | 105                    | 0.003             | 0.076       | 0.0065           | 0.165       | 46.9%     |
| 42                     | 0.0055            | 0.127       | 0.0183           | 0.465       | 59.1%     | 120                    | 0.0025            | 0.064       | 0.0058           | 0.147       | 47.3%     |
| 44                     | 0.0055            | 0.127       | 0.0172           | 0.437       | 57.4%     |                        |                   |             |                  |             |           |
|                        |                   |             |                  |             |           | 145                    | 0.0022            | 0.056       | 0.0047           | 0.119       | 46.4%     |
| 46                     | 0.0055            | 0.127       | 0.0162           | 0.411       | 55.8%     | 165                    | 0.0019            | 0.048       | 0.0042           | 0.107       | 47.1%     |
| 48                     | 0.0055            | 0.127       | 0.0153           | 0.389       | 54.2%     | 180                    | 0.0018            | 0.046       | 0.0038           | 0.107       | 46.0%     |
| 50                     | 0.0055            | 0.127       | 0.0145           | 0.368       | 52.6%     |                        |                   |             |                  |             |           |
|                        |                   |             |                  |             |           | 200                    | 0.0016            | 0.041       | 0.034            | 0.086       | 46.2%     |
| 52                     | 0.0055            | 0.127       | 0.0137           | 0.348       | 51.0%     | 230                    | 0.0014            | 0.03        | 0.029            | 0.074       | 46.0%     |
| 54                     | 0.0055            | 0.127       | 0.0130           | 0.330       | 49.4%     | 300                    | 0.0012            | 0.031       | 0.0021           | 0.054       | 40.5%     |
| 58                     | 0.0045            | 0.1143      | 0.0127           | 0.323       | 54.6%     |                        |                   |             |                  |             |           |

# STAINLESS MILL GRADE WIRE CLOTH

| Meshes per Lineal Inch | Width of Opening Inches | Diameter of Wire Inches | Open Area | Meshes per Lineal Inch | Width of Opening Inches | Diameter of Wire Inches | Open Area |
|------------------------|-------------------------|-------------------------|-----------|------------------------|-------------------------|-------------------------|-----------|
| 2                      | 0.446                   | 0.054                   | 79.6%     | 22                     | 0.032                   | 0.0135                  | 49.6%     |
| 3                      | 0.292                   | 0.041                   | 76.7%     | 24                     | 0.0287                  | 0.013                   | 47.4%     |
| 4                      | 0.215                   | 0.035                   | 74.0%     | 26                     | 0.0275                  | 0.011                   | 51.1%     |
|                        |                         |                         |           |                        |                         |                         |           |
| 5                      | 0.168                   | 0.032                   | 70.6%     | 28                     | 0.0257                  | 0.010                   | 51.8%     |
| 6                      | 0.139                   | 0.028                   | 69.6%     | 30                     | 0.0238                  | 0.0095                  | 51.0%     |
| 7                      | 0.115                   | 0.028                   | 64.8%     | 32                     | 0.0223                  | 0.009                   | 50.9%     |
|                        |                         |                         |           |                        |                         |                         |           |
| 8                      | 0.100                   | 0.025                   | 64.0%     | 34                     | 0.0204                  | 0.009                   | 48.1%     |
| 9                      | 0.088                   | 0.023                   | 62.7%     | 36                     | 0.0188                  | 0.009                   | 45.8%     |
| 10                     | 0.080                   | 0.020                   | 64.0%     | 38                     | 0.0178                  | 0.0085                  | 45.8%     |
|                        |                         |                         |           |                        |                         |                         |           |
| 12                     | 0.065                   | 0.018                   | 60.8%     | 40                     | 0.0165                  | 0.0085                  | 43.6%     |
| 14                     | 0.054                   | 0.017                   | 57.2%     | 45                     | 0.0142                  | 0.008                   | 40.8%     |
| 16                     | 0.0465                  | 0.016                   | 55.4%     | 50                     | 0.0125                  | 0.0075                  | 39.1%     |
|                        |                         |                         |           |                        |                         |                         |           |
| 18                     | 0.0406                  | 0.015                   | 53.4%     | 55                     | 0.0112                  | 0.007                   | 37.9%     |
| 20                     | 0.0360                  | 0.014                   | 51.8%     | 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           | 7/8 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           | 5/8 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            | 3/8 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

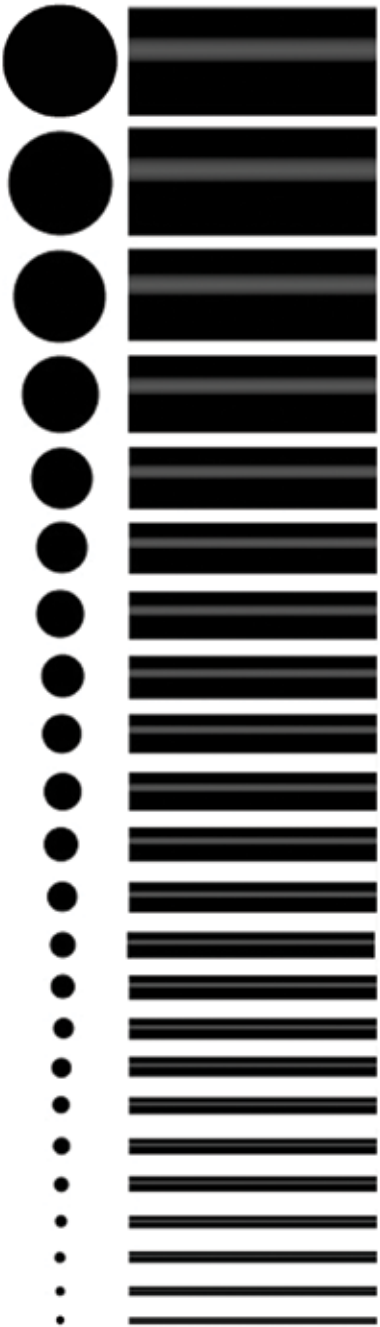











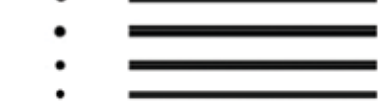


1 centimeter = .393704 inch

1 decimeter = 3.93704 inches

1 meter = 39.370432 inches = 3.28 feet



# WIRE GAUGE | WEIGHTS AND MEASURES

|       |   | Wire Gauge |                   | Iron & Steel |          |
|-------|---|------------|-------------------|--------------|----------|
|       |   | No.        | Decimal<br>Equiv. | Ft./Lb.      | Lb./Ft.  |
| .500  |    | 00         | 0.331             | 3.422        | 0.2922   |
| .4375 |    | 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   |
| .3750 |    | 6          | 0.192             | 10.17        | 0.09832  |
|       |   | <hr/>      |                   |              |          |
| .3125 |    | 7          | 0.177             | 11.97        | 0.08356  |
|       |   | 8          | 0.162             | 14.29        | 0.07     |
| .250  |    | 9          | 0.148             | 17.05        | 0.05866  |
|       |   | 10         | 0.135             | 20.57        | 0.04861  |
| .207  |    | 11         | 0.120             | 25.82        | 0.03873  |
|       |   | 12         | 0.105             | 33.69        | 0.02969  |
| .192  |    | 13         | 0.092             | 44.78        | 0.02233  |
|       |   | 14         | 0.080             | 58.58        | 0.01707  |
| .177  |   | 15         | 0.072             | 72.32        | 0.01383  |
|       |   | 16         | 0.063             | 95.98        | 0.01042  |
| .162  |  | 17         | 0.054             | 128.6        | 0.007778 |
|       |   | 18         | 0.047             | 166.2        | 0.006018 |
| .148  |  | 19         | 0.041             | 223.0        | 0.004484 |
|       |   | 20         | 0.035             | 309.6        | 0.00323  |
| .135  |  | 21         | 0.032             | 373.1        | 0.00268  |
|       |   | 22         | 0.028             | 458.4        | 0.002182 |
| .120  |  | 23         | 0.025             | 563.3        | 0.001775 |
|       |   | 24         | 0.023             | 708.7        | 0.001411 |
| .105  |  | 25         | 0.020             | 900.9        | 0.00111  |
|       |   | 26         | 0.018             | 1144         | 0.000874 |
| .092  |  | 27         | 0.017             | 1253         | 0.000798 |
|       |   | 28         | 0.016             | 1429         | 0.0007   |
| .080  |  | 29         | 0.015             | 1666         | 0.0006   |
|       |   | 30         | 0.014             | 1913         | 0.000523 |
| .072  |  | 31         | 0.0135            | 2152         | 0.000465 |
|       |   | 32         | 0.013             | 2288         | 0.000437 |
| .063  |  | 33         | 0.011             | 2693         | 0.000371 |
|       |   | 34         | 0.010             | 3466         | 0.000289 |
| .054  |  | 35         | 0.0095            | 4154         | 0.000241 |
|       |   | 36         | 0.009             | 4629         | 0.000216 |
| .047  |  | 37         | 0.0085            | 5189         | 0.000193 |
|       |   | 38         | 0.008             | 5858         | 0.000171 |
| .041  |  | 39         | 0.0075            | 6665         | 0.00015  |
|       |   |            |                   |              |          |

# WIRE MESH COMPARISON CHART

| Approx.<br>Microns | US   |       | TENSIL BOLTING CLOTH |                          |      |       | MILL GRADE |      |      | MARKET GRADE |       |      |       |       |       |      |
|--------------------|------|-------|----------------------|--------------------------|------|-------|------------|------|------|--------------|-------|------|-------|-------|-------|------|
|                    | MM   | Sieve | OPG.                 | Tyler<br>Sieve<br>Equiv. | 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

| Approx.<br>Microns | TENSIL BOLTING CLOTH |      |                              | MILL GRADE |             |              | MARKET GRADE |             |              |       |             |      |
|--------------------|----------------------|------|------------------------------|------------|-------------|--------------|--------------|-------------|--------------|-------|-------------|------|
|                    | US<br>MM Sieve       | OPG. | Tyler<br>Sieve<br>Eqiv. MESH | OPG.       | WIRE<br>%OA | MESH<br>OPG. | OPG.         | WIRE<br>%OA | MESH<br>OPG. | OPG.  | WIRE<br>%OA |      |
| 389                | .389                 |      | 48                           | .0153      | .0055       | 54.2         |              |             | 40           | .0150 | .0104       | 36.0 |
| 368                | .368                 |      | 50                           | .0145      | .0055       | 52.6         |              |             |              |       |             |      |
| 355                | .355                 | 45   | 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   | 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   | 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   | 84                           | .0084      | .0035       | 49.8         |              |             |              |       |             |      |
| 200                | .20                  |      | 88                           | .0079      | .0035       | 47.9         |              |             |              |       |             |      |
| 193                | .193                 |      | 90                           | .0076      | .0035       | 47.8         |              |             |              |       |             |      |
| 180                | .18                  | 80   | 94                           | .0071      | .0035       | 45.0         |              |             | 80           | .0070 | .0055       | 31.4 |
| 165                | .165                 |      | 105                          | .0065      | .0030       | 46.9         |              |             |              |       |             |      |
| 150                | .15                  | 100  | 120                          | .0058      | .0025       | 47.3         |              |             | 100          | .0055 | .0045       | 30.3 |
| 125                | .125                 | 120  | 145                          | .0047      | .0022       | 46.4         |              |             | 120          | .0046 | .0037       | 30.5 |
| 106                | .106                 | 140  | 165                          | .0042      | .0019       | 47.1         |              |             | 150          | .0041 | .0026       | 37.9 |
| 90                 | .090                 | 170  | 200                          | .0034      | .0016       | 46.2         |              |             | 180          | .0033 | .0023       | 34.7 |
| 75                 | .075                 | 200  | 230                          | .0029      | .0014       | 46.0         |              |             | 200          | .0029 | .0021       | 33.6 |
| 63                 | .063                 | 230  | 250                          | .0025      |             |              |              |             | 250          | .0024 | .0016       | 36.0 |
| 53                 | .053                 | 270  | 300                          | .0021      | .0012       | 40.5         |              |             | 270          | .0021 | .0016       | 32.2 |
| 45                 | .045                 | 325  |                              | .0017      |             |              |              |             | 325          | .0017 | .0014       | 30.5 |
| 38                 | .038                 | 400  | 400                          | .0015      |             |              |              |             | 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 |





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## 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 makes and models of screeners.



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.



Toll Free **877 - 4 - SIZING** (877-474-9464)

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