

### Wire Cloth Specification Chart

#### Market Grades

High strength square mesh screens for industrial uses. Stainless steel, monel, brass, copper, aluminum, carbon steel.

| Mesh Count | Wire Dia. | Dia. M.M. | Mesh Opg. | Opg. M.M. | %Open Area |
|------------|-----------|-----------|-----------|-----------|------------|
| 2          | 0.063     | 1.600     | 0.4370    | 11.100    | 76.4       |
| 2          | 0.080     | 2.030     | 0.4200    | 10.670    | 70.6       |
| 3          | 0.054     | 1.370     | 0.2790    | 7.090     | 70.1       |
| 3          | 0.063     | 1.600     | 0.2700    | 6.860     | 65.6       |
| 4          | 0.047     | 1.190     | 0.2030    | 5.160     | 65.9       |
| 4          | 0.063     | 1.600     | 0.1870    | 4.750     | 56.0       |
| 5          | 0.041     | 1.040     | 0.1590    | 4.040     | 63.2       |
| 5          | 0.047     | 1.190     | 0.1530    | 3.890     | 58.5       |
| 6          | 0.035     | 0.890     | 0.1320    | 3.350     | 62.7       |
| 6          | 0.047     | 1.190     | 0.1200    | 3.050     | 51.5       |
| 7          | 0.035     | 0.890     | 0.1080    | 2.740     | 57.2       |
| 8          | 0.028     | 0.710     | 0.0970    | 2.460     | 60.2       |
| 8          | 0.035     | 0.890     | 0.0900    | 2.290     | 51.8       |
| 8          | 0.047     | 1.190     | 0.0780    | 1.980     | 38.9       |
| 10         | 0.025     | 0.640     | 0.0750    | 1.910     | 56.3       |
| 10         | 0.035     | 0.890     | 0.0650    | 1.650     | 42.3       |
| 10         | 0.047     | 1.190     | 0.0530    | 1.350     | 28.1       |
| 11         | 0.018     | 0.460     | 0.0730    | 1.850     | 64.5       |
| 12         | 0.023     | 0.580     | 0.0600    | 1.520     | 51.8       |
| 12         | 0.028     | 0.710     | 0.0550    | 1.400     | 43.6       |
| 14         | 0.020     | 0.500     | 0.0510    | 1.300     | 51.0       |
| 16         | 0.018     | 0.460     | 0.0445    | 1.130     | 50.7       |
| 16         | 0.023     | 0.580     | 0.0395    | 1.000     | 39.9       |
| 18         | 0.017     | 0.430     | 0.0386    | 0.980     | 48.3       |
| 20         | 0.016     | 0.410     | 0.0340    | 0.860     | 46.2       |
| 20         | 0.023     | 0.580     | 0.0270    | 0.690     | 29.2       |
| 24         | 0.014     | 0.360     | 0.0277    | 0.700     | 44.2       |
| 30         | 0.012     | 0.310     | 0.0213    | 0.540     | 40.8       |
| 35         | 0.011     | 0.280     | 0.0176    | 0.450     | 32.9       |
| 40         | 0.010     | 0.250     | 0.0150    | 0.380     | 36.0       |
| 50         | 0.009     | 0.230     | 0.0110    | 0.280     | 30.3       |
| 60         | 0.0075    | 0.190     | 0.0092    | 0.230     | 30.5       |
| 80         | 0.0055    | 0.140     | 0.0070    | 0.180     | 31.4       |
| 100        | 0.0045    | 0.110     | 0.0055    | 0.140     | 30.3       |
| 120        | 0.0037    | 0.090     | 0.0046    | 0.110     | 30.5       |
| 150        | 0.0026    | 0.066     | 0.0041    | 0.104     | 37.9       |
| 180        | 0.0023    | 0.058     | 0.0033    | 0.084     | 34.7       |
| 200        | 0.0021    | 0.053     | 0.0029    | 0.074     | 33.6       |
| 250        | 0.0016    | 0.041     | 0.0024    | 0.061     | 36.0       |
| 270        | 0.0016    | 0.041     | 0.0021    | 0.053     | 32.2       |
| 325        | 0.0014    | 0.036     | 0.0017    | 0.043     | 30.5       |
| 400        | 0.001     | 0.025     | 0.0015    | 0.038     | 36.0       |
| 500        | 0.001     | 0.025     | 0.0010    | 0.025     | 25.0       |

**Bolting Cloth** is woven of extremely smooth, durable stainless steel with a plain square mesh pattern. It features high capacity and strength.

| Mesh Count | Wire Dia. | Dia. M.M. | Mesh Opg. | Opg. M.M. | %Open Area |
|------------|-----------|-----------|-----------|-----------|------------|
| 14         | 0.0090    | 0.230     | 0.0620    | 1.580     | 76.4       |
| 16         | 0.0090    | 0.230     | 0.0535    | 1.361     | 73.3       |
| 18         | 0.0090    | 0.230     | 0.0466    | 1.184     | 70.2       |
| 20         | 0.0090    | 0.230     | 0.0410    | 1.041     | 67.2       |
| 22         | 0.0075    | 0.190     | 0.0380    | 0.965     | 69.7       |
| 24         | 0.0075    | 0.190     | 0.0342    | 0.869     | 67.2       |
| 26         | 0.0075    | 0.190     | 0.0310    | 0.787     | 64.8       |
| 28         | 0.0075    | 0.190     | 0.0282    | 0.716     | 62.4       |
| 30         | 0.0065    | 0.170     | 0.0268    | 0.681     | 64.8       |
| 32         | 0.0065    | 0.170     | 0.0248    | 0.630     | 62.7       |
| 34         | 0.0065    | 0.170     | 0.0229    | 0.582     | 60.7       |
| 36         | 0.0065    | 0.170     | 0.0213    | 0.541     | 58.7       |
| 38         | 0.0065    | 0.170     | 0.0198    | 0.503     | 56.7       |
| 40         | 0.0065    | 0.170     | 0.0185    | 0.470     | 54.8       |
| 42         | 0.0055    | 0.139     | 0.0183    | 0.465     | 59.1       |
| 43         | 0.0050    | 0.127     | 0.0183    | 0.465     | 61.6       |
| 44         | 0.0055    | 0.139     | 0.0172    | 0.437     | 57.4       |
| 46         | 0.0045    | 0.114     | 0.0172    | 0.437     | 62.9       |
| 46         | 0.0055    | 0.139     | 0.0162    | 0.412     | 55.8       |
| 48         | 0.0045    | 0.114     | 0.0163    | 0.414     | 61.5       |
| 48         | 0.0055    | 0.139     | 0.0153    | 0.389     | 54.2       |
| 50         | 0.0045    | 0.114     | 0.0155    | 0.394     | 60.1       |
| 50         | 0.0055    | 0.139     | 0.0145    | 0.369     | 52.6       |
| 52         | 0.0055    | 0.139     | 0.0137    | 0.349     | 51.0       |
| 54         | 0.0040    | 0.101     | 0.0145    | 0.368     | 61.5       |
| 54         | 0.0055    | 0.139     | 0.0130    | 0.330     | 49.4       |
| 56         | 0.0040    | 0.101     | 0.0138    | 0.351     | 60.2       |
| 58         | 0.0040    | 0.101     | 0.0132    | 0.335     | 59.0       |
| 60         | 0.0040    | 0.101     | 0.0127    | 0.323     | 57.8       |
| 62         | 0.0040    | 0.101     | 0.0121    | 0.307     | 56.5       |
| 64         | 0.0045    | 0.114     | 0.0111    | 0.282     | 50.7       |
| 66         | 0.0040    | 0.101     | 0.0112    | 0.285     | 54.2       |
| 70         | 0.0037    | 0.094     | 0.0106    | 0.269     | 54.9       |
| 72         | 0.0037    | 0.094     | 0.0102    | 0.259     | 53.8       |
| 74         | 0.0037    | 0.094     | 0.0098    | 0.249     | 52.7       |
| 76         | 0.0037    | 0.094     | 0.0095    | 0.241     | 51.7       |
| 78         | 0.0037    | 0.094     | 0.0091    | 0.231     | 50.6       |
| 80         | 0.0037    | 0.094     | 0.0088    | 0.224     | 49.6       |
| 84         | 0.0035    | 0.089     | 0.0084    | 0.213     | 49.8       |
| 88         | 0.0035    | 0.089     | 0.0079    | 0.201     | 47.9       |
| 90         | 0.0035    | 0.089     | 0.0076    | 0.193     | 47.8       |
| 94         | 0.0035    | 0.089     | 0.0071    | 0.180     | 45.0       |
| 105        | 0.0030    | 0.076     | 0.0065    | 0.165     | 46.9       |
| 120        | 0.0026    | 0.066     | 0.0058    | 0.147     | 47.3       |
| 135        | 0.0023    | 0.058     | 0.0051    | 0.129     | 47.4       |
| 145        | 0.0022    | 0.055     | 0.0047    | 0.119     | 46.4       |
| 165        | 0.0019    | 0.048     | 0.0042    | 0.106     | 47.1       |
| 180        | 0.0018    | 0.045     | 0.0038    | 0.096     | 46.0       |
| 200        | 0.0016    | 0.040     | 0.0034    | 0.086     | 46.2       |
| 230        | 0.0014    | 0.035     | 0.0029    | 0.073     | 46.0       |
| 250        | 0.0014    | 0.035     | 0.0026    | 0.067     | 43.0       |
| 300        | 0.0012    | 0.030     | 0.0021    | 0.055     | 42.0       |
| 325        | 0.0011    | 0.028     | 0.0020    | 0.050     | 41.0       |
| 635        | 0.0008    | 0.020     | 0.0008    | 0.020     | 25.0       |

**Mill Grade Screens**, of tinned annealed steel or stainless steel, are especially suited for food processing applications such as flour milling and sifting; seed and feed sifting, etc.

| Mesh Count | Wire Dia. | Dia. M.M. | Mesh Opg. | Opg. M.M. | % Open Area |
|------------|-----------|-----------|-----------|-----------|-------------|
| 2          | 0.0540    | 1.370     | 0.4460    | 11.330    | 79.6        |
| 3          | 0.0410    | 1.040     | 0.2923    | 7.420     | 76.7        |
| 4          | 0.0350    | 0.890     | 0.2150    | 5.460     | 74.0        |
| 5          | 0.0320    | 0.810     | 0.1680    | 4.270     | 70.6        |
| 6          | 0.0280    | 0.710     | 0.1387    | 3.530     | 69.6        |
| 7          | 0.0280    | 0.710     | 0.1149    | 2.920     | 64.8        |
| 8          | 0.0250    | 0.640     | 0.1000    | 2.540     | 64.0        |
| 9          | 0.0230    | 0.580     | 0.0881    | 2.240     | 62.7        |
| 10         | 0.0200    | 0.510     | 0.0880    | 2.030     | 64.0        |
| 11         | 0.0200    | 0.510     | 0.0709    | 1.800     | 61.0        |
| 12         | 0.0180    | 0.460     | 0.0653    | 1.650     | 60.8        |
| 14         | 0.0170    | 0.430     | 0.0544    | 1.370     | 57.2        |
| 16         | 0.0160    | 0.410     | 0.0465    | 1.180     | 55.4        |
| 18         | 0.0150    | 0.380     | 0.0406    | 1.030     | 53.4        |
| 20         | 0.0140    | 0.360     | 0.0360    | 0.910     | 51.8        |
| 22         | 0.0135    | 0.340     | 0.0320    | 0.810     | 49.6        |
| 26         | 0.0110    | 0.280     | 0.0275    | 0.700     | 51.1        |
| 28         | 0.0100    | 0.250     | 0.0257    | 0.650     | 51.8        |
| 30         | 0.0095    | 0.240     | 0.0238    | 0.610     | 51.0        |
| 32         | 0.0090    | 0.230     | 0.0223    | 0.570     | 50.9        |
| 34         | 0.0090    | 0.230     | 0.0204    | 0.520     | 48.1        |
| 36         | 0.0090    | 0.230     | 0.0188    | 0.480     | 45.8        |
| 38         | 0.0085    | 0.220     | 0.0178    | 0.450     | 45.8        |
| 40         | 0.0085    | 0.220     | 0.0165    | 0.420     | 43.6        |
| 45         | 0.0090    | 0.230     | 0.0132    | 0.340     | 35.3        |
| 50         | 0.0075    | 0.190     | 0.0125    | 0.320     | 39.1        |
| 60         | 0.0065    | 0.170     | 0.0102    | 0.260     | 37.5        |
| 70         | 0.0065    | 0.170     | 0.0078    | 0.190     | 29.8        |

The smooth, polished surfaces of these screens minimize chances of clogging during operation.

#### Stainless Steel Square Opening

| Opening | Opg. M.M. | Wire Dia. | Wire M.M. |
|---------|-----------|-----------|-----------|
| 1/8     | 3.18      | .063      | 1.60      |
| 3/16    | 4.77      | .063      | 1.60      |
| 3/16    | 4.77      | .080      | 2.03      |
| 1/4     | 6.36      | .063      | 1.60      |
| 5/16    | 7.95      | .105      | 2.67      |
| 3/8     | 9.53      | .080      | 2.03      |
| 1/2     | 12.70     | .080      | 2.03      |
| 5/8     | 15.90     | .080      | 2.03      |
| 3/4     | 19.08     | .080      | 2.03      |
| 3/4     | 19.08     | .092      | 2.34      |
| 3/4     | 19.08     | .105      | 2.67      |
| 1       | 25.40     | .105      | 2.67      |