

MIDWESTERN'S WIRE MESH COMPARISON CHART

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

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