

MICROGRAPH GRAPHITE PRECISION PLATES

Tolerance: Thickness: Size <.125" +.001" / -.000" (Ground); Size ≥ .125" +.005" / -.000"

Technical Specifications

| Grade | Color Identification | Shore Hardness | Flexural Strength (PSI) | Resistance (0.000 ohm*in) | Particle Size (microns) |
|--------|----------------------|----------------|-------------------------|---------------------------|-------------------------|
| MG-4 | Pink | 55 | 9,240 | 500 | 12 |
| MG-5 | Brown | 63 | 7,540 | 528 | 8 |
| MG-8 | Blue/Yellow | 76 | 9,458 | 591 | 5 |
| MG-9 | Gold / Red | 68 | 11,603 | 630 | 5 |
| TTK-4 | Silver | 72 | 10,600 | 552 | 4 |
| TTK-4C | Orange / White | 60 | 15,500 | 100 | 4 |

*Carbon Based Graphite

*Copper Impregnated Graphite – [Learn More](#)



Order any custom
size or tolerance

| Size (Inch) | | | Catalog No. | | | | | |
|-------------|-------|--------|-------------|--------|--------|--------|--------|--------|
| Thickness | Width | Length | MG-4 | MG-5 | MG-8 | MG-9 | TTK-4 | TTK-4C |
| 0.015 | 4 | 6 | GH1008 | GJ1008 | GQ1008 | GF1008 | GL1008 | GC1008 |
| 0.02 | 4 | 6 | GH1012 | GJ1012 | GQ1012 | GF1012 | GL1012 | GC1012 |
| 0.025 | 4 | 6 | GH1016 | GJ1016 | GQ1016 | GF1016 | GL1016 | GC1016 |
| 0.03 | 4 | 6 | GH1020 | GJ1020 | GQ1020 | GF1020 | GL1020 | GC1020 |
| 0.035 | 4 | 6 | GH1024 | GJ1024 | GQ1024 | GF1024 | GL1024 | GC1024 |
| 0.04 | 4 | 6 | GH1028 | GJ1028 | GQ1028 | GF1028 | GL1028 | GC1028 |
| 0.045 | 4 | 6 | GH1032 | GJ1032 | GQ1032 | GF1032 | GL1032 | GC1032 |
| 0.05 | 4 | 6 | GH1036 | GJ1036 | GQ1036 | GF1036 | GL1036 | GC1036 |
| 0.055 | 4 | 6 | GH1040 | GJ1040 | GQ1040 | GF1040 | GL1040 | GC1040 |
| 0.06 | 4 | 6 | GH1042 | GJ1042 | GQ1042 | GF1042 | GL1042 | GC1042 |
| 0.065 | 4 | 6 | GH1046 | GJ1046 | GQ1046 | GF1046 | GL1046 | GC1046 |
| 0.07 | 4 | 6 | GH1050 | GJ1050 | GQ1050 | GF1050 | GL1050 | GC1050 |
| 0.075 | 4 | 6 | GH1054 | GJ1054 | GQ1054 | GF1054 | GL1054 | GC1054 |
| 0.08 | 4 | 6 | GH1056 | GJ1056 | GQ1056 | GF1056 | GL1056 | GC1056 |
| 0.085 | 4 | 6 | GH1060 | GJ1060 | GQ1060 | GF1060 | GL1060 | GC1060 |

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| Size (Inch) | | | Catalog No. | | | | | |
|-------------|-------|--------|-------------|--------|--------|--------|--------|--------|
| Thickness | Width | Length | MG-4 | MG-5 | MG-8 | MG-9 | TTK-4 | TTK-4C |
| 0.09 | 4 | 6 | GH1064 | GJ1064 | GQ1064 | GF1064 | GL1064 | GC1064 |
| 0.095 | 4 | 6 | GH1062 | GJ1062 | GQ1062 | GF1068 | GL1068 | GC1068 |
| 0.125 | 4 | 6 | GH8016 | GJ8016 | GQ8016 | GF8016 | GL8016 | GC8016 |
| 0.187 | 4 | 6 | GH8036 | GJ8036 | GQ8036 | GF8036 | GL8036 | GC8036 |
| 0.25 | 4 | 6 | GH8056 | GJ8056 | GQ8056 | GF8056 | GL8056 | GC8056 |
| 0.375 | 4 | 6 | GH8084 | GJ8084 | GQ8084 | GF8084 | GL8084 | GC8084 |
| 0.5 | 4 | 6 | GH8108 | GJ8108 | GQ8108 | GF8108 | GL8108 | GC8108 |
| 0.75 | 4 | 6 | GH8140 | GJ8140 | GQ8140 | GF8140 | GL8140 | GC8140 |
| 0.5 | 4 | 12 | GH8112 | GJ8112 | GQ8112 | GF8112 | GL8112 | GC8112 |
| 0.75 | 4 | 12 | GH8144 | GJ8144 | GQ8144 | GF8144 | GL8144 | GC8144 |
| 0.5 | 6 | 6 | GH8116 | GJ8116 | GQ8116 | GF8116 | GL8116 | GC8116 |
| 0.75 | 6 | 6 | GH8148 | GJ8148 | GQ8148 | GF8148 | GL8148 | GC8148 |
| 0.5 | 6 | 12 | GH8120 | GJ8120 | GQ8120 | GF8120 | GL8120 | GC8120 |
| 0.75 | 6 | 12 | GH8152 | GJ8152 | GQ8152 | GF8152 | GL8152 | GC8152 |