

**Remark:**

1.Our parameter list is only for the most widely used materials. Customers may need to try other uncommon materials by themselves, or they can contact us to apply for testing.















2.Vector files line mode parameters:

Copper: Speed 500mm/m, acceleration 200,Natural color alumina: Speed 600mm/m, acceleration 200

Other materials: Speed 1000mm/m, acceleration 200

3.Not a vector file see parameter table below

**LaserGRBL Engraving Parameter for Common Material**

| Material                | Engraving |              |           |            |                       | Case illustration   |
|-------------------------|-----------|--------------|-----------|------------|-----------------------|---|
|                         | Quality   | Speed (mm/m) | Max-Power | Image Mode | Needs to be blackened |   |
| Copper                  | 100       | 500          | 1000      | Threshold  | NO                    |    |
| Iron                    | 100       | 2000         | 1000      | Threshold  | NO                    |    |
| Natural color alumina   | 100       | 600          | 1000      | Filled     | NO                    |    |
| Coated alumina          | 100       | 5000         | 1000      | Threshold  | NO                    |    |
| Brushed Stainless Steel | 100       | 1000         | 1000      | Threshold  | NO                    |    |
| Mirror Stainless Steel  | 100       | 1000         | 1000      | Filled     | NO                    |    |
| Painted furniture       | 100       | 5000         | 1000      | Jarvis     | NO                    |   |
| ABS                     | 100       | 4500         | 250       | Threshold  | NO                    |  |
| Plastic                 | 100       | 3000         | 800       | Threshold  | NO                    |  |
| Leather                 | 100       | 4000         | 1000      | Threshold  | NO                    |  |
| Acrylic                 | 100       | 6000         | 1000      | Threshold  | NO                    |  |
| Rubber                  | 100       | 1000         | 1000      | Threshold  | NO                    |  |
| Oil painting paper      | 50        | 2000         | 1000      | Threshold  | NO                    |  |
| Rock                    | 20        | 1000         | 1000      | Threshold  | NO                    |  |