# **Recommended Power Settings for Material Tests**

Material Test Settings (based on 45W laser tube, vector speeds for cutting, not marking)

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| **Material** | **Raster Speed** | **Raster Power** |  | **Vector Speed** | **Vector Power** | **Vector Current** | **Notes** |
| 3mm Birch Wood | 100 | 25 |  | 30 | 100 | 100 | Will vary with quality |
| 1/8” Acrylic | 100 | 30 |  | 30 | 100 | 100 | Will vary with quality |
| 3/16” Cardboard | 100 | 15 |  | 85 | 50 | 75 | Will burn, use caution |
| Paper | 100 | 2 |  | 100 | 15 | 50 | Will burn, use caution |
| Cardstock | 100 | 2 |  | 50 | 20 | 50 | Will burn, use caution |
| Glass | 85 | 80 |  | N/A | N/A | N/A | Will not cut |
| Granite | 80 | 100 |  | N/A | N/A | N/A | Will not cut |
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NOTE: Vector marking: start at 2-5% power and progress from there at 85% speed for best results