

Laser Settings

While every laser is different, here are recommended laser settings to try out using our products. We recommend testing a small area/piece to find the perfect combination for your machine.

50 WATT SYSTEMS

Raster - 30% Power, 80% Speed

Vector - 80% Power, 20% Speed

75 WATT SYSTEMS

Raster - 25% Power, 90% Speed

Vector - 75% Power, 25% Speed

100 WATT SYSTEMS

Raster - 20% Power, 90% Speed

Vector - 75% Power, 40% Speed

Please remove the protective coating before laser or rotary engraving. Before cutting the materials, however, it is recommended to leave the protective masking in place when performing vector cuts if your application will permit. This will minimize residue and clean-up efforts.

Using the 'bottom up' engraving setting in your laser software will minimize the re-distribution of color residue to the core. Increasing power in 5% increments can be helpful and multiple passes might be required to achieve your optimal results. In many cases, Z-offset (controlled de-focus) in the range of 1 mm – 2 mm will allow for a smoother engraving surface with a more intense color result.