



Material	Wattage Machine	Mode	Percent Wattage	Speed MM/s	Scan Gap mm	DPI	Thickness	Passes	Notes
Acrylic - Mirrored	80 60 40	Cut	40 60 75	15 12 10	NA	NA	1/8 inch	2	Use first pass to get almost to the mirror backing. Use the second pass to finish the cut and polish the previously cut edge. Excessive heat will boil the mirror backing. Use high amount of air assist.
Granite	80 60 40	Engrave	85 85 85	150 120 101	.085	299	Any	1	Use high powers to engrave at slowest speeds. May rub high contrast paints into the cracks, then wipe off ... to make the image POP into view.
Romark - multi-color	80 60 40	Engrave	12 15 18	325 325 350	.100	254	Any	1	Use scan gap thick enough to prevent plastic from rolling into globs. Use only enough air to get into the desired color plastic.
Plexi-Glass	80 60 40	Cut	50 70 85	12 10 7	NA	NA	Varies (1/8 inch)	1	Cut fast and hard. Make sure to get fumes out of work area fast. Do not breathe the fumes.
Styrofoam - Closed cell (Drinking cup)	80 60 40	Cut	12 15 15	45 45 45	NA	NA	Varies	1	Use long focal length lens. Use lots of air for cooling the Styrofoam. Cut in thin layers, glue layers together.
Styrofoam - Open Cell (Squishy foam for custom equipment cases)	80 60 40	Cut	12 15 18	25 25 25	NA	NA	Varies	1	Use long focal length lens. Use lots of air assist to keep cool.
Brick	80 60 40	Cut	70 80 85	35 25 10	NA	NA	Any	1	Use minimal air. Engrave with target slightly out of focus. Needs to be "engravable brick" to turn the sand into glass.
Mirror (Back)	80 60 40	Engrave	45 50 60	325 325 325	.085	299	Any	1	Laser power effects the paint and heat transfers to copper /silver film layers. The laser continues to scar the glass.
Leather	80 60 40	Engrave	45 50 60	325 325 325	.085	299	Any	1	Set Scan-Gap for resolution that you need for your design projects.
Leather	80 60 40	Cut	70 85 85	12 10 7	NA	NA	1/16 inch	1	Use lowest power with highest speeds to completely cut through the material. Higher speeds may be obtained by also increasing power.
Anodized Aluminum	80 60 40	Engrave	25 30 35	325 325 325	.065	391	Any	1	Set Scan-Gap for resolution that you need for your design projects. Aluminum can take a high resolution. Power settings vary for color.
Powder Coated Metal	80 60 40	Engrave	25 30 35	325 325 325	.085	299	Any	1	Set Scan-Gap for resolution that you need for your design projects. Don't try to engrave all the way thru. Exposed metal may tarnish or rust.
Material	80 60 40	mode							

Material	Wattage Machine	Mode	Percent Wattage	Speed MM/s	Scan Gap mm	DPI	Thickness	Passes	Notes
Material	80 60 40	mode							
Material	80 60 40	mode							
Material	80 60 40	mode							
Material	80 60 40	mode							
Material	80 60 40	mode							
Material	80 60 40	mode							
Material	80 60 40	mode							
Material	80 60 40	mode							
Material	80 60 40	mode							
Material	80 60 40	mode							

More added as available....

Thank you,

Rabbit Laser USA