

# MATERIAL REPORT LIST #6

## STONES

**\*CUTTING FUNCTION IS NOT INCLUDED IN THIS CATEGORY.**

This document contains all stone materials that M1 has been testing so far. All provided information includes material name, whether it used Laser or Blade, to cut or engrave, thickness, machine module, Pass, and result.

Please note that:

- We are still testing and optimizing the features of M1, the testing data may change due to the machine's optimization.

We will continue uploading our test reports on different types of materials in the future. Stay tuned with us!



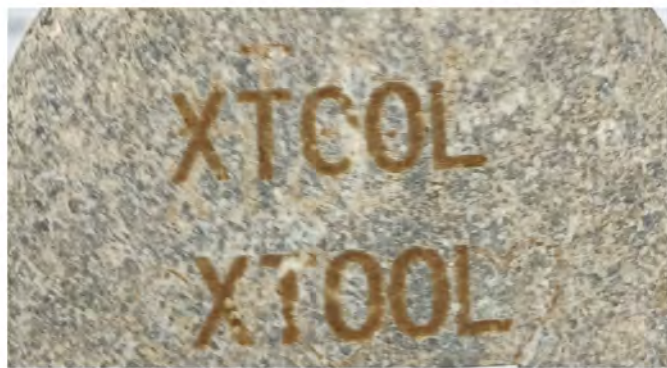
Material Name	Laser/Blade	Cut/Engrave	Thickness	Module	Pass	Result
Stone, White Marble Coaster	Laser	Raster Engrave	-	5W	0	Fail
Stone, White Marble Coaster	Laser	Vector Engrave	-	5W	0	Fail
Stone, White Marble Coaster	Laser	Raster Engrave	-	10W	1	SUCCESS
Stone, White Marble Coaster	Laser	Vector Engrave	-	10W	1	SUCCESS
Stone, White Jade	Laser	Raster Engrave	-	5W	1	SUCCESS
Stone, White Jade	Laser	Vector Engrave	-	5W	0	Fail
Stone, White Jade	Laser	Raster Engrave	-	10W	1	SUCCESS
Stone, White Jade	Laser	Vector Engrave	-	10W	1	SUCCESS
Stone, Terrazzo Tray	Laser	Raster Engrave	-	5W	1	SUCCESS
Stone, Terrazzo Tray	Laser	Vector Engrave	-	5W	1	SUCCESS
Stone, Terrazzo Tray	Laser	Raster Engrave	-	10W	1	SUCCESS
Stone, Terrazzo Tray	Laser	Vector Engrave	-	10W	1	SUCCESS
Stone, Rock Coaster	Laser	Raster Engrave	-	5W	1	SUCCESS
Stone, Rock Coaster	Laser	Vector Engrave	-	5W	1	SUCCESS
Stone, Rock Coaster	Laser	Raster Engrave	-	10W	1	SUCCESS
Stone, Rock Coaster	Laser	Vector Engrave	-	10W	1	SUCCESS
Stone, Pebbles	Laser	Raster Engrave	-	5W	1	SUCCESS
Stone, Pebbles	Laser	Vector Engrave	-	5W	1	SUCCESS
Stone, Pebbles	Laser	Raster Engrave	-	10W	1	SUCCESS
Stone, Pebbles	Laser	Vector Engrave	-	10W	1	SUCCESS
Stone, Green Marble Coaster	Laser	Raster Engrave	-	5W	1	SUCCESS
Stone, Green Marble Coaster	Laser	Vector Engrave	-	5W	1	SUCCESS
Stone, Green Marble Coaster	Laser	Raster Engrave	-	10W	1	SUCCESS
Stone, Green Marble Coaster	Laser	Vector Engrave	-	10W	1	SUCCESS
Stone, Diatomite Coaster	Laser	Raster Engrave	-	5W	1	SUCCESS
Stone, Diatomite Coaster	Laser	Vector Engrave	-	5W	1	SUCCESS
Stone, Diatomite Coaster	Laser	Raster Engrave	-	10W	1	SUCCESS
Stone, Diatomite Coaster	Laser	Vector Engrave	-	10W	1	SUCCESS
Stone, Black Marble Coaster	Laser	Raster Engrave	-	5W	1	SUCCESS
Stone, Black Marble Coaster	Laser	Vector Engrave	-	5W	1	SUCCESS
Stone, Black Marble Coaster	Laser	Raster Engrave	-	10W	1	SUCCESS
Stone, Black Marble Coaster	Laser	Vector Engrave	-	10W	1	SUCCESS
Stone, Artificial Granite Stone Floor Tile	Laser	Raster Engrave	-	5W	1	SUCCESS
Stone, Artificial Granite Stone Floor Tile	Laser	Vector Engrave	-	5W	1	SUCCESS
Stone, Artificial Granite Stone Floor Tile	Laser	Raster Engrave	-	10W	1	SUCCESS
Stone, Artificial Granite Stone Floor Tile	Laser	Vector Engrave	-	10W	1	SUCCESS
Stone, Agate Stone	Laser	Raster Engrave	-	5W	0	Fail
Stone, Agate Stone	Laser	Vector Engrave	-	5W	0	Fail
Stone, Agate Stone	Laser	Raster Engrave	-	10W	0	Fail
Stone, Agate Stone	Laser	Vector Engrave	-	10W	0	Fail



## Laser Cutting Test Pictures

### Pebbles

5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Raster  
Engrave



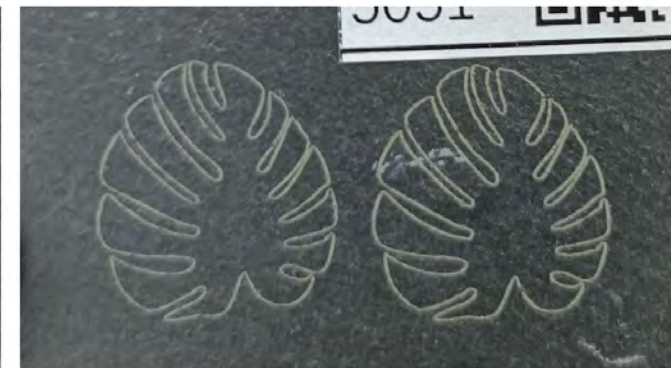
10W  
Vector  
Engrave



10W  
Raster  
Engrave



10W  
Vector  
Engrave



### Terrazzo Tray

5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Raster  
Engrave



10W  
Vector  
Engrave



### Rock Coaster

5W  
Raster  
Engrave



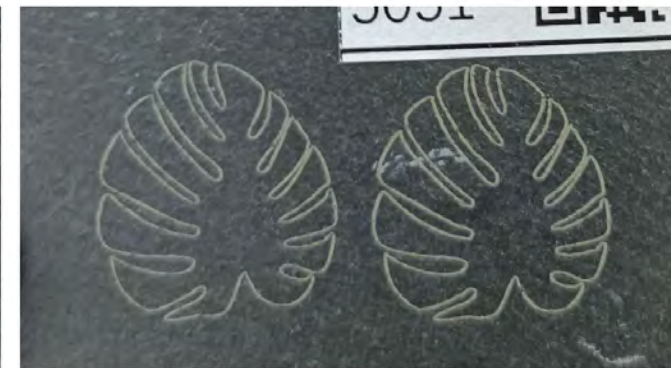
5W  
Vector  
Engrave



10W  
Raster  
Engrave



10W  
Vector  
Engrave



### Diatomite Coaster

5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Raster  
Engrave



10W  
Vector  
Engrave





## Laser Cutting Test Pictures

### Black Marble Coaster

5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Raster  
Engrave



10W  
Vector  
Engrave



# MATERIAL REPORT LIST #5

## WOOD

**\*THE ACTUAL RESULTS MAY DIFFER DUE TO THE FACT THAT VARIOUS BRANDS OF PLYWOODS MAY CONTAIN DIFFERENT NUMBERS OF LAYERS, WHICH CAN CAUSE CHANGES IN THE CUTTING EFFICIENCY.**

This document contains all wood materials that M1 has been testing so far. All provided information includes material name, whether it used Laser or Blade, to cut or engrave, thickness, machine module, Pass, and result.

Please note that:

- We are still testing and optimizing the features of M1, the testing data may change due to the machine's optimization.

We will continue uploading our test reports on different types of materials in the future. Stay tuned with us!

Material Name	Laser/Blade	Cut/Engrave	Thickness	Module	Pass	Result
Wood, Aspen Plywood 3.0 mm	Laser	Cut	3mm	5W	2	SUCCESS
Wood, Aspen Plywood 3.0 mm	Laser	Raster Engrave	3mm	5W	1	SUCCESS
Wood, Aspen Plywood 3.0 mm	Laser	Vector Engrave	3mm	5W	1	SUCCESS
Wood, Aspen Plywood 3.0 mm	Laser	Cut	3mm	10W	1	SUCCESS
Wood, Aspen Plywood 3.0 mm	Laser	Raster Engrave	3mm	10W	1	SUCCESS
Wood, Aspen Plywood 3.0 mm	Laser	Vector Engrave	3mm	10W	1	SUCCESS
Wood, Aspen Plywood Sheet 1.7 mm	Laser	Cut	1.7mm	5W	1	Fail
Wood, Aspen Plywood Sheet 1.7 mm	Laser	Raster Engrave	1.7mm	5W	1	SUCCESS
Wood, Aspen Plywood Sheet 1.7 mm	Laser	Vector Engrave	1.7mm	5W	1	SUCCESS
Wood, Aspen Plywood Sheet 1.7 mm	Laser	Cut	1.7mm	10W	1	Fail
Wood, Aspen Plywood Sheet 1.7 mm	Laser	Raster Engrave	1.7mm	10W	1	SUCCESS
Wood, Aspen Plywood Sheet 1.7 mm	Laser	Vector Engrave	1.7mm	10W	1	SUCCESS
Wood, Balsa Plywood 13.0 mm	Laser	Cut	13mm	5W	6	SUCCESS
Wood, Balsa Plywood 13.0 mm	Laser	Raster Engrave	13mm	5W	1	SUCCESS
Wood, Balsa Plywood 13.0 mm	Laser	Vector Engrave	13mm	5W	1	SUCCESS
Wood, Balsa Plywood 13.0 mm	Laser	Cut	13mm	10W	5	SUCCESS
Wood, Balsa Plywood 13.0 mm	Laser	Raster Engrave	13mm	10W	1	SUCCESS
Wood, Balsa Plywood 13.0 mm	Laser	Vector Engrave	13mm	10W	1	SUCCESS



Material Name	Laser/Blade	Cut/Engrave	Thickness	Module	Pass	Result
Wood, Bamboo Wood 2.0 mm	Laser	Cut	2mm	5W	2	SUCCESS
Wood, Bamboo Wood 2.0 mm	Laser	Raster Engrave	2mm	5W	1	SUCCESS
Wood, Bamboo Wood 2.0 mm	Laser	Vector Engrave	2mm	5W	1	SUCCESS
Wood, Bamboo Wood 2.0 mm	Laser	Cut	2mm	10W	1	SUCCESS
Wood, Bamboo Wood 2.0 mm	Laser	Raster Engrave	2mm	10W	1	SUCCESS
Wood, Bamboo Wood 2.0 mm	Laser	Vector Engrave	2mm	10W	1	SUCCESS
Wood, Bamboo Wood 3.0 mm	Laser	Cut	3mm	5W	3	SUCCESS
Wood, Bamboo Wood 3.0 mm	Laser	Raster Engrave	3mm	5W	1	SUCCESS
Wood, Bamboo Wood 3.0 mm	Laser	Vector Engrave	3mm	5W	1	SUCCESS
Wood, Bamboo Wood 3.0 mm	Laser	Cut	3mm	10W	2	SUCCESS
Wood, Bamboo Wood 3.0 mm	Laser	Raster Engrave	3mm	10W	1	SUCCESS
Wood, Bamboo Wood 3.0 mm	Laser	Vector Engrave	3mm	10W	1	SUCCESS
Wood, Bamboo Wood 4.0 mm	Laser	Cut	4mm	5W	3	SUCCESS
Wood, Bamboo Wood 4.0 mm	Laser	Raster Engrave	4mm	5W	1	SUCCESS
Wood, Bamboo Wood 4.0 mm	Laser	Vector Engrave	4mm	5W	1	SUCCESS
Wood, Bamboo Wood 4.0 mm	Laser	Cut	4mm	10W	2	SUCCESS
Wood, Bamboo Wood 4.0 mm	Laser	Raster Engrave	4mm	10W	1	SUCCESS
Wood, Bamboo Wood 4.0 mm	Laser	Vector Engrave	4mm	10W	1	SUCCESS
Wood, Bamboo Wood 5.0 mm	Laser	Cut	5mm	5W	0	Fail
Wood, Bamboo Wood 5.0 mm	Laser	Raster Engrave	5mm	5W	1	SUCCESS
Wood, Bamboo Wood 5.0 mm	Laser	Vector Engrave	5mm	5W	1	SUCCESS
Wood, Bamboo Wood 5.0 mm	Laser	Cut	5mm	10W	0	Fail
Wood, Bamboo Wood 5.0 mm	Laser	Raster Engrave	5mm	10W	1	SUCCESS
Wood, Bamboo Wood 5.0 mm	Laser	Vector Engrave	5mm	10W	1	SUCCESS
Wood, Basswood Wood 4.0 mm	Laser	Cut	4mm	5W	1	SUCCESS
Wood, Basswood Wood 4.0 mm	Laser	Raster Engrave	4mm	5W	1	SUCCESS
Wood, Basswood Wood 4.0 mm	Laser	Vector Engrave	4mm	5W	1	SUCCESS
Wood, Basswood Wood 4.0 mm	Laser	Cut	4mm	10W	1	SUCCESS
Wood, Basswood Wood 4.0 mm	Laser	Raster Engrave	4mm	10W	1	SUCCESS
Wood, Basswood Wood 4.0 mm	Laser	Vector Engrave	4mm	10W	1	SUCCESS
Wood, Basswood Wood 8.0 mm	Laser	Cut	8mm	5W	2	SUCCESS
Wood, Basswood Wood 8.0 mm	Laser	Raster Engrave	8mm	5W	1	SUCCESS
Wood, Basswood Wood 8.0 mm	Laser	Vector Engrave	8mm	5W	1	SUCCESS
Wood, Basswood Wood 8.0 mm	Laser	Cut	8mm	10W	1	SUCCESS
Wood, Basswood Wood 8.0 mm	Laser	Raster Engrave	8mm	10W	1	SUCCESS
Wood, Basswood Wood 8.0 mm	Laser	Vector Engrave	8mm	10W	1	SUCCESS
Wood, Basswood Plywood 1.5 mm	Laser	Cut	1.5mm	5W	1	SUCCESS
Wood, Basswood Plywood 1.5 mm	Laser	Raster Engrave	1.5mm	5W	1	SUCCESS
Wood, Basswood Plywood 1.5 mm	Laser	Vector Engrave	1.5mm	5W	1	SUCCESS
Wood, Basswood Plywood 1.5 mm	Laser	Cut	1.5mm	10W	1	SUCCESS
Wood, Basswood Plywood 1.5 mm	Laser	Raster Engrave	1.5mm	10W	1	SUCCESS
Wood, Basswood Plywood 1.5 mm	Laser	Vector Engrave	1.5mm	10W	1	SUCCESS
Wood, Basswood Plywood 2.0 mm	Laser	Cut	2.0mm	5W	1	SUCCESS
Wood, Basswood Plywood 2.0 mm	Laser	Raster Engrave	2.0mm	5W	1	SUCCESS
Wood, Basswood Plywood 2.0 mm	Laser	Vector Engrave	2.0mm	5W	1	SUCCESS
Wood, Basswood Plywood 2.0 mm	Laser	Cut	2.0mm	10W	1	SUCCESS
Wood, Basswood Plywood 2.0 mm	Laser	Raster Engrave	2.0mm	10W	1	SUCCESS
Wood, Basswood Plywood 2.0 mm	Laser	Vector Engrave	2.0mm	10W	1	SUCCESS
Wood, Basswood Plywood 3.0 mm	Laser	Cut	3mm	5W	2	SUCCESS



Material Name	Laser/Blade	Cut/Engrave	Thickness	Module	Pass	Result
Wood, Bamboo Wood 2.0 mm	Laser	Cut	2mm	5W	2	SUCCESS
Wood, Bamboo Wood 2.0 mm	Laser	Raster Engrave	2mm	5W	1	SUCCESS
Wood, Bamboo Wood 2.0 mm	Laser	Vector Engrave	2mm	5W	1	SUCCESS
Wood, Bamboo Wood 2.0 mm	Laser	Cut	2mm	10W	1	SUCCESS
Wood, Bamboo Wood 2.0 mm	Laser	Raster Engrave	2mm	10W	1	SUCCESS
Wood, Bamboo Wood 2.0 mm	Laser	Vector Engrave	2mm	10W	1	SUCCESS
Wood, Bamboo Wood 3.0 mm	Laser	Cut	3mm	5W	3	SUCCESS
Wood, Bamboo Wood 3.0 mm	Laser	Raster Engrave	3mm	5W	1	SUCCESS
Wood, Bamboo Wood 3.0 mm	Laser	Vector Engrave	3mm	5W	1	SUCCESS
Wood, Bamboo Wood 3.0 mm	Laser	Cut	3mm	10W	2	SUCCESS
Wood, Bamboo Wood 3.0 mm	Laser	Raster Engrave	3mm	10W	1	SUCCESS
Wood, Bamboo Wood 3.0 mm	Laser	Vector Engrave	3mm	10W	1	SUCCESS
Wood, Bamboo Wood 4.0 mm	Laser	Cut	4mm	5W	3	SUCCESS
Wood, Bamboo Wood 4.0 mm	Laser	Raster Engrave	4mm	5W	1	SUCCESS
Wood, Bamboo Wood 4.0 mm	Laser	Vector Engrave	4mm	5W	1	SUCCESS
Wood, Bamboo Wood 4.0 mm	Laser	Cut	4mm	10W	2	SUCCESS
Wood, Bamboo Wood 4.0 mm	Laser	Raster Engrave	4mm	10W	1	SUCCESS
Wood, Bamboo Wood 4.0 mm	Laser	Vector Engrave	4mm	10W	1	SUCCESS
Wood, Bamboo Wood 5.0 mm	Laser	Cut	5mm	5W	0	Fail
Wood, Bamboo Wood 5.0 mm	Laser	Raster Engrave	5mm	5W	1	SUCCESS
Wood, Bamboo Wood 5.0 mm	Laser	Vector Engrave	5mm	5W	1	SUCCESS
Wood, Bamboo Wood 5.0 mm	Laser	Cut	5mm	10W	0	Fail
Wood, Bamboo Wood 5.0 mm	Laser	Raster Engrave	5mm	10W	1	SUCCESS
Wood, Bamboo Wood 5.0 mm	Laser	Vector Engrave	5mm	10W	1	SUCCESS
Wood, Basswood Wood 4.0 mm	Laser	Cut	4mm	5W	1	SUCCESS
Wood, Basswood Wood 4.0 mm	Laser	Raster Engrave	4mm	5W	1	SUCCESS
Wood, Basswood Wood 4.0 mm	Laser	Vector Engrave	4mm	5W	1	SUCCESS
Wood, Basswood Wood 4.0 mm	Laser	Cut	4mm	10W	1	SUCCESS
Wood, Basswood Wood 4.0 mm	Laser	Raster Engrave	4mm	10W	1	SUCCESS
Wood, Basswood Wood 4.0 mm	Laser	Vector Engrave	4mm	10W	1	SUCCESS
Wood, Basswood Wood 8.0 mm	Laser	Cut	8mm	5W	2	SUCCESS
Wood, Basswood Wood 8.0 mm	Laser	Raster Engrave	8mm	5W	1	SUCCESS
Wood, Basswood Wood 8.0 mm	Laser	Vector Engrave	8mm	5W	1	SUCCESS
Wood, Basswood Wood 8.0 mm	Laser	Cut	8mm	10W	1	SUCCESS
Wood, Basswood Wood 8.0 mm	Laser	Raster Engrave	8mm	10W	1	SUCCESS
Wood, Basswood Wood 8.0 mm	Laser	Vector Engrave	8mm	10W	1	SUCCESS
Wood, Basswood Plywood 1.5 mm	Laser	Cut	1.5mm	5W	1	SUCCESS
Wood, Basswood Plywood 1.5 mm	Laser	Raster Engrave	1.5mm	5W	1	SUCCESS
Wood, Basswood Plywood 1.5 mm	Laser	Vector Engrave	1.5mm	5W	1	SUCCESS
Wood, Basswood Plywood 1.5 mm	Laser	Cut	1.5mm	10W	1	SUCCESS
Wood, Basswood Plywood 1.5 mm	Laser	Raster Engrave	1.5mm	10W	1	SUCCESS
Wood, Basswood Plywood 1.5 mm	Laser	Vector Engrave	1.5mm	10W	1	SUCCESS
Wood, Basswood Plywood 2.0 mm	Laser	Cut	2.0mm	5W	1	SUCCESS
Wood, Basswood Plywood 2.0 mm	Laser	Raster Engrave	2.0mm	5W	1	SUCCESS
Wood, Basswood Plywood 2.0 mm	Laser	Vector Engrave	2.0mm	5W	1	SUCCESS
Wood, Basswood Plywood 2.0 mm	Laser	Cut	2.0mm	10W	1	SUCCESS
Wood, Basswood Plywood 2.0 mm	Laser	Raster Engrave	2.0mm	10W	1	SUCCESS
Wood, Basswood Plywood 2.0 mm	Laser	Vector Engrave	2.0mm	10W	1	SUCCESS
Wood, Basswood Plywood 3.0 mm	Laser	Cut	3mm	5W	2	SUCCESS



Material Name	Laser/Blade	Cut/Engrave	Thickness	Module	Pass	Result
Wood, Basswood Plywood 3.0 mm	Laser	Raster Engrave	3mm	5W	1	SUCCESS
Wood, Basswood Plywood 3.0 mm	Laser	Vector Engrave	3mm	5W	1	SUCCESS
Wood, Basswood Plywood 3.0 mm	Laser	Cut	3mm	10W	1	SUCCESS
Wood, Basswood Plywood 3.0 mm	Laser	Raster Engrave	3mm	10W	1	SUCCESS
Wood, Basswood Plywood 3.0 mm	Laser	Vector Engrave	3mm	10W	1	SUCCESS
Wood, Basswood Plywood 6.0 mm	Laser	Cut	6mm	5W	4	SUCCESS
Wood, Basswood Plywood 6.0 mm	Laser	Raster Engrave	6mm	5W	1	SUCCESS
Wood, Basswood Plywood 6.0 mm	Laser	Vector Engrave	6mm	5W	1	SUCCESS
Wood, Basswood Plywood 6.0 mm	Laser	Cut	6mm	10W	2	SUCCESS
Wood, Basswood Plywood 6.0 mm	Laser	Raster Engrave	6mm	10W	1	SUCCESS
Wood, Basswood Plywood 6.0 mm	Laser	Vector Engrave	6mm	10W	1	SUCCESS
Wood, Basswood Plywood 8.0 mm	Laser	Cut	8mm	5W	5	SUCCESS
Wood, Basswood Plywood 8.0 mm	Laser	Raster Engrave	8mm	5W	1	SUCCESS
Wood, Basswood Plywood 8.0 mm	Laser	Vector Engrave	8mm	5W	1	SUCCESS
Wood, Basswood Plywood 8.0 mm	Laser	Cut	8mm	10W	3	SUCCESS
Wood, Basswood Plywood 8.0 mm	Laser	Raster Engrave	8mm	10W	1	SUCCESS
Wood, Basswood Plywood 8.0 mm	Laser	Vector Engrave	8mm	10W	1	SUCCESS
Wood, Basswood Plywood 10.0 mm	Laser	Cut	10mm	5W	0	Fail
Wood, Basswood Plywood 10.0 mm	Laser	Raster Engrave	10mm	5W	1	SUCCESS
Wood, Basswood Plywood 10.0 mm	Laser	Vector Engrave	10mm	5W	1	SUCCESS
Wood, Basswood Plywood 10.0 mm	Laser	Cut	10mm	10W	6	SUCCESS
Wood, Basswood Plywood 10.0 mm	Laser	Raster Engrave	10mm	10W	1	SUCCESS
Wood, Basswood Plywood 10.0 mm	Laser	Vector Engrave	10mm	10W	1	SUCCESS
Wood, Birch Plywood 6.0 mm	Laser	Cut	6mm	5W	4	SUCCESS
Wood, Birch Plywood 6.0 mm	Laser	Raster Engrave	6mm	5W	1	SUCCESS
Wood, Birch Plywood 6.0 mm	Laser	Vector Engrave	6mm	5W	1	SUCCESS
Wood, Birch Plywood 6.0 mm	Laser	Cut	6mm	10W	3	SUCCESS
Wood, Birch Plywood 6.0 mm	Laser	Raster Engrave	6mm	10W	1	SUCCESS
Wood, Birch Plywood 6.0 mm	Laser	Vector Engrave	6mm	10W	1	SUCCESS
Wood, Birch Plywood 9.0 mm	Laser	Cut	9mm	5W	0	Fail
Wood, Birch Plywood 9.0 mm	Laser	Raster Engrave	9mm	5W	1	SUCCESS
Wood, Birch Plywood 9.0 mm	Laser	Vector Engrave	9mm	5W	1	SUCCESS
Wood, Birch Plywood 9.0 mm	Laser	Cut	9mm	10W	0	Fail
Wood, Birch Plywood 9.0 mm	Laser	Raster Engrave	9mm	10W	1	SUCCESS
Wood, Birch Plywood 9.0 mm	Laser	Vector Engrave	9mm	10W	1	SUCCESS
Wood, Black Walnut Board 2.5 mm	Laser	Cut	2.5mm	5W	1	SUCCESS
Wood, Black Walnut Board 2.5 mm	Laser	Raster Engrave	2.5mm	5W	1	SUCCESS
Wood, Black Walnut Board 2.5 mm	Laser	Vector Engrave	2.5mm	5W	1	SUCCESS
Wood, Black Walnut Board 2.5 mm	Laser	Cut	2.5mm	10W	1	SUCCESS
Wood, Black Walnut Board 2.5 mm	Laser	Raster Engrave	2.5mm	10W	1	SUCCESS
Wood, Black Walnut Board 2.5 mm	Laser	Vector Engrave	2.5mm	10W	1	SUCCESS
Wood, Black Walnut Plywood 3.0 mm	Laser	Cut	3mm	5W	3	SUCCESS
Wood, Black Walnut Plywood 3.0 mm	Laser	Raster Engrave	3mm	5W	1	SUCCESS
Wood, Black Walnut Plywood 3.0 mm	Laser	Vector Engrave	3mm	5W	1	SUCCESS
Wood, Black Walnut Plywood 3.0 mm	Laser	Cut	3mm	10W	2	SUCCESS
Wood, Black Walnut Plywood 3.0 mm	Laser	Raster Engrave	3mm	10W	1	SUCCESS
Wood, Black Walnut Plywood 3.0 mm	Laser	Vector Engrave	3mm	10W	1	SUCCESS
Wood, Black Walnut Plywood 3.5 mm	Laser	Cut	3.5mm	5W	3	SUCCESS
Wood, Black Walnut Plywood 3.5 mm	Laser	Raster Engrave	3.5mm	5W	1	SUCCESS



Material Name	Laser/Blade	Cut/Engrave	Thickness	Module	Pass	Result
Wood, Black Walnut Plywood 3.5 mm	Laser	Vector Engrave	3.5mm	5W	1	SUCCESS
Wood, Black Walnut Plywood 3.5 mm	Laser	Cut	3.5mm	10W	2	SUCCESS
Wood, Black Walnut Plywood 3.5 mm	Laser	Raster Engrave	3.5mm	10W	1	SUCCESS
Wood, Black Walnut Plywood 3.5 mm	Laser	Vector Engrave	3.5mm	10W	1	SUCCESS
Wood, Cherry Wood Plywood 3.0 mm	Laser	Cut	3mm	5W	3	SUCCESS
Wood, Cherry Wood Plywood 3.0 mm	Laser	Raster Engrave	3mm	5W	1	SUCCESS
Wood, Cherry Wood Plywood 3.0 mm	Laser	Vector Engrave	3mm	5W	1	SUCCESS
Wood, Cherry Wood Plywood 3.0 mm	Laser	Cut	3mm	10W	2	SUCCESS
Wood, Cherry Wood Plywood 3.0 mm	Laser	Raster Engrave	3mm	10W	1	SUCCESS
Wood, Cherry Wood Plywood 3.0 mm	Laser	Vector Engrave	3mm	10W	1	SUCCESS
Wood, Cypress Wood 20 mm	Laser	Cut	20mm	5W	0	Fail
Wood, Cypress Wood 20 mm	Laser	Raster Engrave	20mm	5W	1	SUCCESS
Wood, Cypress Wood 20 mm	Laser	Vector Engrave	20mm	5W	1	SUCCESS
Wood, Cypress Wood 20 mm	Laser	Cut	20mm	10W	0	Fail
Wood, Cypress Wood 20 mm	Laser	Raster Engrave	20mm	10W	1	SUCCESS
Wood, Cypress Wood 20 mm	Laser	Vector Engrave	20mm	10W	1	SUCCESS
Wood, Fraxinus Mandshurica Plywood 3.0 mm	Laser	Cut	3mm	5W	3	SUCCESS
Wood, Fraxinus Mandshurica Plywood 3.0 mm	Laser	Raster Engrave	3mm	5W	1	SUCCESS
Wood, Fraxinus Mandshurica Plywood 3.0 mm	Laser	Vector Engrave	3mm	5W	1	SUCCESS
Wood, Fraxinus Mandshurica Plywood 3.0 mm	Laser	Cut	3mm	10W	2	SUCCESS
Wood, Fraxinus Mandshurica Plywood 3.0 mm	Laser	Raster Engrave	3mm	10W	1	SUCCESS
Wood, Fraxinus Mandshurica Plywood 3.0 mm	Laser	Vector Engrave	3mm	10W	1	SUCCESS
Wood, Fraxinus Mandshurica Plywood 3.5 mm	Laser	Cut	3.5mm	5W	3	SUCCESS
Wood, Fraxinus Mandshurica Plywood 3.5 mm	Laser	Raster Engrave	3.5mm	5W	1	SUCCESS
Wood, Fraxinus Mandshurica Plywood 3.5 mm	Laser	Vector Engrave	3.5mm	5W	1	SUCCESS
Wood, Fraxinus Mandshurica Plywood 3.5 mm	Laser	Cut	3.5mm	10W	2	SUCCESS
Wood, Fraxinus Mandshurica Plywood 3.5 mm	Laser	Raster Engrave	3.5mm	10W	1	SUCCESS
Wood, Fraxinus Mandshurica Plywood 3.5 mm	Laser	Vector Engrave	3.5mm	10W	1	SUCCESS
Wood, Mahogany Plywood 3.0 mm	Laser	Cut	3mm	5W	3	SUCCESS
Wood, Mahogany Plywood 3.0 mm	Laser	Raster Engrave	3mm	5W	1	SUCCESS
Wood, Mahogany Plywood 3.0 mm	Laser	Vector Engrave	3mm	5W	1	SUCCESS
Wood, Mahogany Plywood 3.0 mm	Laser	Cut	3mm	10W	2	SUCCESS
Wood, Mahogany Plywood 3.0 mm	Laser	Raster Engrave	3mm	10W	1	SUCCESS
Wood, Mahogany Plywood 3.0 mm	Laser	Vector Engrave	3mm	10W	1	SUCCESS
Wood, MDF board 3.0 mm	Laser	Cut	3mm	5W	0	Fail
Wood, MDF board 3.0 mm	Laser	Raster Engrave	3mm	5W	1	SUCCESS
Wood, MDF board 3.0 mm	Laser	Vector Engrave	3mm	5W	1	SUCCESS
Wood, MDF board 3.0 mm	Laser	Cut	3mm	10W	3	SUCCESS
Wood, MDF board 3.0 mm	Laser	Raster Engrave	3mm	10W	1	SUCCESS
Wood, MDF board 3.0 mm	Laser	Vector Engrave	3mm	10W	1	SUCCESS
Wood, Paulownia Plywood 1.0 mm	Laser	Cut	1mm	5W	1	SUCCESS
Wood, Paulownia Plywood 1.0 mm	Laser	Raster Engrave	1mm	5W	1	SUCCESS
Wood, Paulownia Plywood 1.0 mm	Laser	Vector Engrave	1mm	5W	1	SUCCESS
Wood, Paulownia Plywood 1.0 mm	Laser	Cut	1mm	10W	1	SUCCESS
Wood, Paulownia Plywood 1.0 mm	Laser	Raster Engrave	1mm	10W	1	SUCCESS
Wood, Paulownia Plywood 1.0 mm	Laser	Vector Engrave	1mm	10W	1	SUCCESS
Wood, Paulownia Plywood 3.0 mm	Laser	Cut	3mm	5W	1	SUCCESS
Wood, Paulownia Plywood 3.0 mm	Laser	Raster Engrave	3mm	5W	1	SUCCESS
Wood, Paulownia Plywood 3.0 mm	Laser	Vector Engrave	3mm	5W	1	SUCCESS



Material Name	Laser/Blade	Cut/Engrave	Thickness	Module	Pass	Result
Wood, Paulownia Plywood 3.0 mm	Laser	Cut	3mm	10W	1	SUCCESS
Wood, Paulownia Plywood 3.0 mm	Laser	Raster Engrave	3mm	10W	1	SUCCESS
Wood, Paulownia Plywood 3.0 mm	Laser	Vector Engrave	3mm	10W	1	SUCCESS
Wood, Paulownia Plywood 6.0 mm	Laser	Cut	6mm	5W	2	SUCCESS
Wood, Paulownia Plywood 6.0 mm	Laser	Raster Engrave	6mm	5W	1	SUCCESS
Wood, Paulownia Plywood 6.0 mm	Laser	Vector Engrave	6mm	5W	1	SUCCESS
Wood, Paulownia Plywood 6.0 mm	Laser	Cut	6mm	10W	2	SUCCESS
Wood, Paulownia Plywood 6.0 mm	Laser	Raster Engrave	6mm	10W	1	SUCCESS
Wood, Paulownia Plywood 6.0 mm	Laser	Vector Engrave	6mm	10W	1	SUCCESS
Wood, Paulownia Plywood Bar 3.0 mm	Laser	Cut	3mm	5W	1	SUCCESS
Wood, Paulownia Plywood Bar 3.0 mm	Laser	Raster Engrave	3mm	5W	1	SUCCESS
Wood, Paulownia Plywood Bar 3.0 mm	Laser	Vector Engrave	3mm	5W	1	SUCCESS
Wood, Paulownia Plywood Bar 3.0 mm	Laser	Cut	3mm	10W	1	SUCCESS
Wood, Paulownia Plywood Bar 3.0 mm	Laser	Raster Engrave	3mm	10W	1	SUCCESS
Wood, Paulownia Plywood Bar 3.0 mm	Laser	Vector Engrave	3mm	10W	1	SUCCESS
Wood, Paulownia Plywood Bar 6.0 mm	Laser	Cut	6mm	5W	2	SUCCESS
Wood, Paulownia Plywood Bar 6.0 mm	Laser	Raster Engrave	6mm	5W	1	SUCCESS
Wood, Paulownia Plywood Bar 6.0 mm	Laser	Vector Engrave	6mm	5W	1	SUCCESS
Wood, Paulownia Plywood Bar 6.0 mm	Laser	Cut	6mm	10W	2	SUCCESS
Wood, Paulownia Plywood Bar 6.0 mm	Laser	Raster Engrave	6mm	10W	1	SUCCESS
Wood, Paulownia Plywood Bar 6.0 mm	Laser	Vector Engrave	6mm	10W	1	SUCCESS
Wood, Paulownia Plywood Bar 8.0 mm	Laser	Cut	8mm	5W	2	SUCCESS
Wood, Paulownia Plywood Bar 8.0 mm	Laser	Raster Engrave	8mm	5W	1	SUCCESS
Wood, Paulownia Plywood Bar 8.0 mm	Laser	Vector Engrave	8mm	5W	1	SUCCESS
Wood, Paulownia Plywood Bar 8.0 mm	Laser	Cut	8mm	10W	2	SUCCESS
Wood, Paulownia Plywood Bar 8.0 mm	Laser	Raster Engrave	8mm	10W	1	SUCCESS
Wood, Paulownia Plywood Bar 8.0 mm	Laser	Vector Engrave	8mm	10W	1	SUCCESS
Wood, Pine Wood 3.0 mm	Laser	Cut	3mm	5W	1	SUCCESS
Wood, Pine Wood 3.0 mm	Laser	Raster Engrave	3mm	5W	1	SUCCESS
Wood, Pine Wood 3.0 mm	Laser	Vector Engrave	3mm	5W	1	SUCCESS
Wood, Pine Wood 3.0 mm	Laser	Cut	3mm	10W	1	SUCCESS
Wood, Pine Wood 3.0 mm	Laser	Raster Engrave	3mm	10W	1	SUCCESS
Wood, Pine Wood 3.0 mm	Laser	Vector Engrave	3mm	10W	1	SUCCESS
Wood, Pine Wood 5.0 mm	Laser	Cut	5mm	5W	1	SUCCESS
Wood, Pine Wood 5.0 mm	Laser	Raster Engrave	5mm	5W	1	SUCCESS
Wood, Pine Wood 5.0 mm	Laser	Vector Engrave	5mm	5W	1	SUCCESS
Wood, Pine Wood 5.0 mm	Laser	Cut	5mm	10W	1	SUCCESS
Wood, Pine Wood 5.0 mm	Laser	Raster Engrave	5mm	10W	1	SUCCESS
Wood, Pine Wood 5.0 mm	Laser	Vector Engrave	5mm	10W	1	SUCCESS
Wood, Pine Wood 10.0 mm	Laser	Cut	10mm	5W	1	SUCCESS
Wood, Pine Wood 10.0 mm	Laser	Raster Engrave	10mm	5W	1	SUCCESS
Wood, Pine Wood 10.0 mm	Laser	Vector Engrave	10mm	5W	1	SUCCESS
Wood, Pine Wood 10.0 mm	Laser	Cut	10mm	10W	1	SUCCESS
Wood, Pine Wood 10.0 mm	Laser	Raster Engrave	10mm	10W	1	SUCCESS
Wood, Pine Wood 10.0 mm	Laser	Vector Engrave	10mm	10W	1	SUCCESS



## Laser Cutting Test Pictures

### Fraxinus Mandshurica Plywood (3.5 mm)

5W  
Laser  
Cut



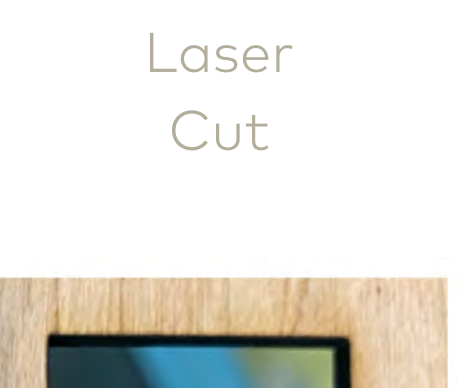
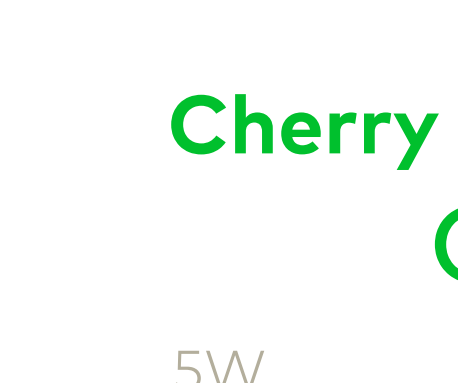
5W  
Raster  
Engrave



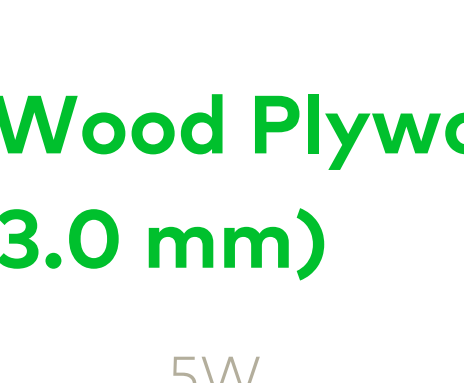
5W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave



10W  
Vector  
Engrave



### Mahogany Plywood (3.0 mm)

5W  
Laser  
Cut



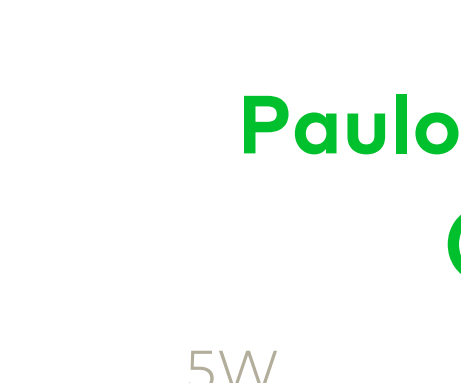
5W  
Raster  
Engrave



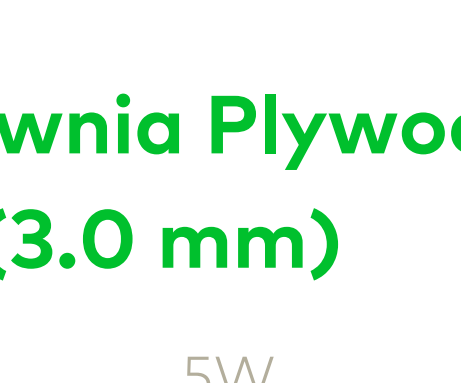
5W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave



10W  
Vector  
Engrave



### Cherry Wood Plywood (3.0 mm)

5W  
Laser  
Cut



5W  
Raster  
Engrave



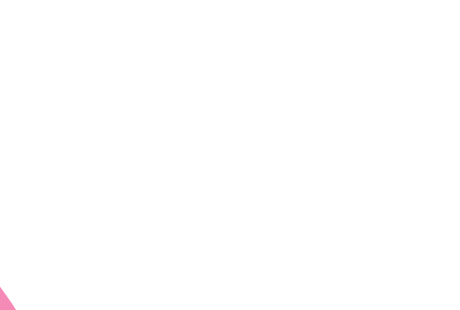
5W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave

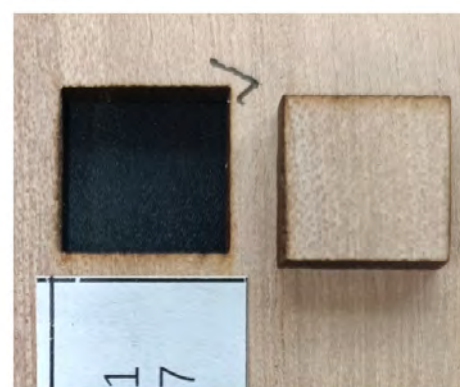


10W  
Vector  
Engrave



### Paulownia Plywood (3.0 mm)

5W  
Laser  
Cut



5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave



10W  
Vector  
Engrave





## Laser Cutting Test Pictures

### Paulownia Plywood (6.0 mm)

5W  
Laser  
Cut



5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave

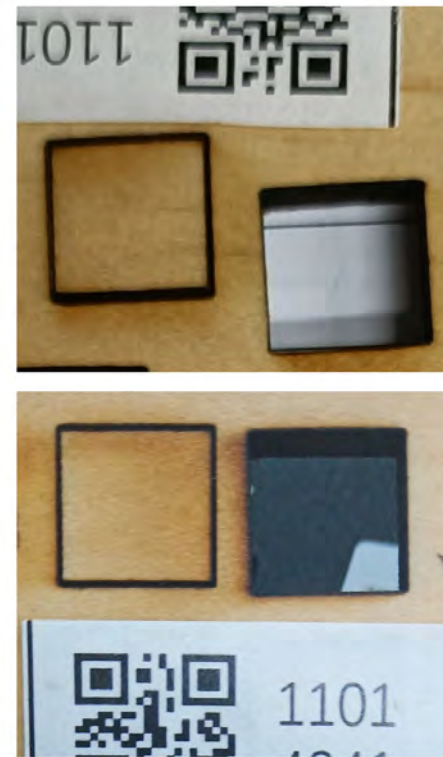


10W  
Vector  
Engrave



### Pine (5.0 mm)

5W  
Laser  
Cut



5W  
Raster  
Engrave



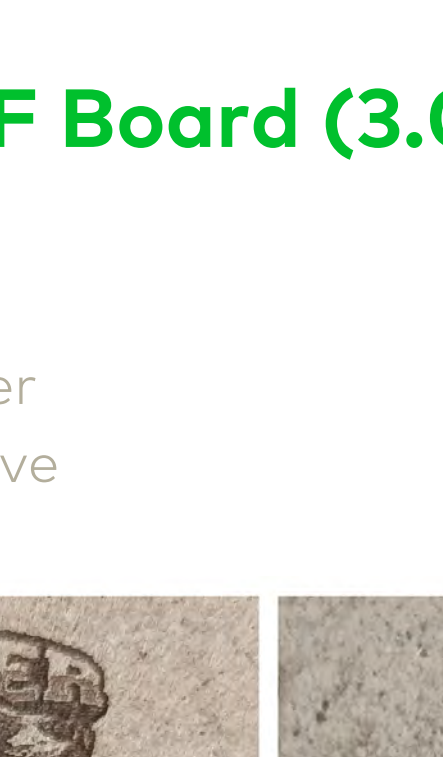
5W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave



10W  
Vector  
Engrave



### Bamboo Wood (2.0 mm)

5W  
Laser  
Cut



5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave



10W  
Vector  
Engrave



### MDF Board (3.0 mm)

5W  
Raster  
Engrave



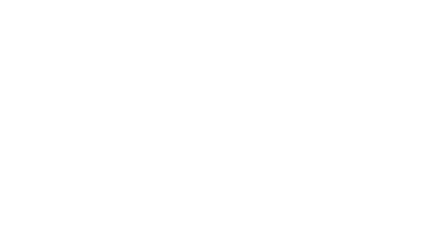
5W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave



10W  
Vector  
Engrave





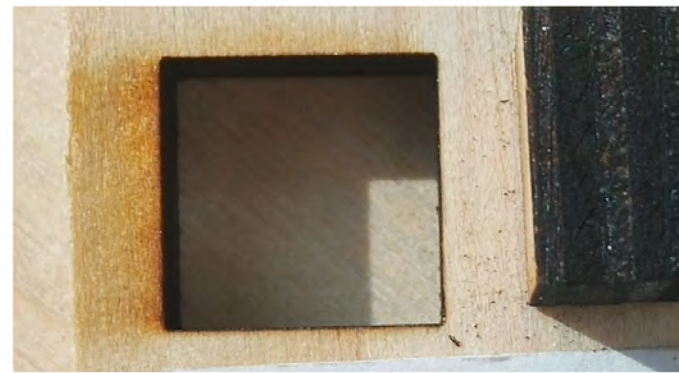
## Laser Cutting Test Pictures

### Paulownia Plywood (6 mm & 8 mm)

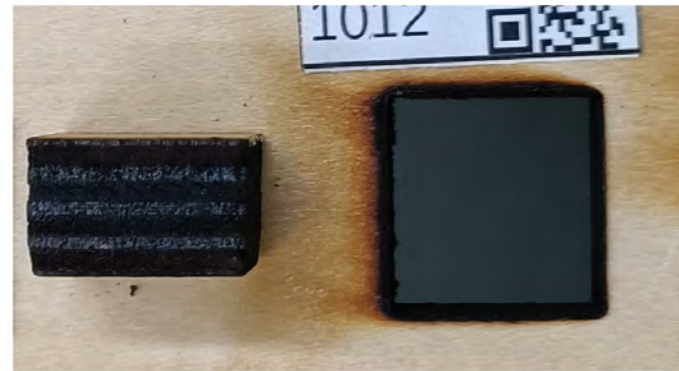
5W  
Laser  
Cut



5W  
Laser  
Cut



10W  
Laser  
Cut



10W  
Laser  
Cut

### Cypress Wood (20.0 mm)

5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Raster  
Engrave



10W  
Vector  
Engrave





# MATERIAL REPORT LIST #4

## LEATHER & PLASTICS

This document contains all leather and plastics materials that M1 has been testing so far. All provided information includes material name, whether it used Laser or Blade, to cut or engrave, thickness, machine module, Pass, and result.

Please note that:

- We are still testing and optimizing the features of M1, the testing data may change due to the machine's optimization.

We will continue uploading our test reports on different types of materials in the future. Stay tuned with us!

Material Name	Laser/Blade	Cut/Engrave	Thickness	Module	Pass	Result
Leather, PU Artificial Leather	Blade	Cut	1mm	-	1	SUCCESS
Leather, PU Artificial Leather	Laser	Cut	1mm	5w	2	SUCCESS
Leather, PU Artificial Leather	Laser	Raster Engrave	1mm	5w	1	SUCCESS
Leather, PU Artificial Leather	Laser	Vector Engrave	1mm	5w	1	SUCCESS
Leather, PU Artificial Leather	Laser	Cut	1mm	10w	1	SUCCESS
Leather, PU Artificial Leather	Laser	Raster Engrave	1mm	10w	1	SUCCESS
Leather, PU Artificial Leather	Laser	Vector Engrave	1mm	10w	1	SUCCESS
Leather, PVC Faux Leather	Blade	Cut	1mm	-	1	SUCCESS
Leather, PVC Faux Leather	Laser	Cut	1mm	5w	1	SUCCESS
Leather, PVC Faux Leather	Laser	Raster Engrave	1mm	5w	1	SUCCESS
Leather, PVC Faux Leather	Laser	Vector Engrave	1mm	5w	1	SUCCESS
Leather, PVC Faux Leather	Laser	Cut	1mm	10w	1	SUCCESS
Leather, PVC Faux Leather	Laser	Raster Engrave	1mm	10w	1	SUCCESS
Leather, PVC Faux Leather	Laser	Vector Engrave	1mm	10w	1	SUCCESS
Leather, Full Grain Leather (Grey)	Blade	Cut	3mm	-	0	Fail
Leather, Full Grain Leather (Grey)	Laser	Cut	3mm	5w	4	SUCCESS
Leather, Full Grain Leather (Grey)	Laser	Raster Engrave	3mm	5w	1	SUCCESS
Leather, Full Grain Leather (Grey)	Laser	Vector Engrave	3mm	5w	1	SUCCESS
Leather, Full Grain Leather (Grey)	Laser	Cut	3mm	10w	3	SUCCESS
Leather, Full Grain Leather (Grey)	Laser	Raster Engrave	3mm	10w	1	SUCCESS
Leather, Full Grain Leather (Grey)	Laser	Vector Engrave	3mm	10w	1	SUCCESS



Material Name	Laser/Blade	Cut/Engrave	Thickness	Module	Pass	Result
Leather, Full Grain Leather (Check)	Blade	Cut	3mm	-	0	Fail
Leather, Full Grain Leather (Check)	Laser	Cut	3mm	5w	0	Fail
Leather, Full Grain Leather (Check)	Laser	Raster Engrave	3mm	5w	0	Fail
Leather, Full Grain Leather (Check)	Laser	Vector Engrave	3mm	5w	1	SUCCESS
Leather, Full Grain Leather (Check)	Laser	Cut	3mm	10w	0	Fail
Leather, Full Grain Leather (Check)	Laser	Raster Engrave	3mm	10w	1	SUCCESS
Leather, Full Grain Leather (Check)	Laser	Vector Engrave	3mm	10w	1	SUCCESS
Leather, Full Grain Leather (Teal)	Blade	Cut	3mm	-	-	Fail
Leather, Full Grain Leather (Teal)	Laser	Cut	3mm	5w	0	Fail
Leather, Full Grain Leather (Teal)	Laser	Raster Engrave	3mm	5w	1	SUCCESS
Leather, Full Grain Leather (Teal)	Laser	Vector Engrave	3mm	5w	1	SUCCESS
Leather, Full Grain Leather (Teal)	Laser	Cut	3mm	10w	2	SUCCESS
Leather, Full Grain Leather (Teal)	Laser	Raster Engrave	3mm	10w	1	SUCCESS
Leather, Full Grain Leather (Teal)	Laser	Vector Engrave	3mm	10w	1	SUCCESS
Leather, Cowhide	Blade	Cut	2mm	-	0	Fail
Leather, Cowhide	Laser	Cut	2mm	5w	4	SUCCESS
Leather, Cowhide	Laser	Raster Engrave	2mm	5w	1	SUCCESS
Leather, Cowhide	Laser	Vector Engrave	2mm	5w	1	SUCCESS
Leather, Cowhide	Laser	Cut	2mm	10W	3	SUCCESS
Leather, Cowhide	Laser	Raster Engrave	2mm	10W	1	SUCCESS
Leather, Cowhide	Laser	Vector Engrave	2mm	10W	1	SUCCESS
Plastics, Colored PVC Sheet	Blade	Cut	1mm	-	1	SUCCESS
Plastics, Colored PVC Sheet	Laser	Cut	1mm	5w	1	SUCCESS
Plastics, Colored PVC Sheet	Laser	Raster Engrave	1mm	5w	1	SUCCESS
Plastics, Colored PVC Sheet	Laser	Vector Engrave	1mm	5w	1	SUCCESS
Plastics, Colored PVC Sheet	Laser	Cut	1mm	10w	1	SUCCESS
Plastics, Colored PVC Sheet	Laser	Raster Engrave	1mm	10w	1	SUCCESS
Plastics, Colored PVC Sheet	Laser	Vector Engrave	1mm	10w	1	SUCCESS
Plastics, Transparent PVC Sheet	Blade	Cut	1mm	-	1	SUCCESS
Plastics, Transparent PVC Sheet	Laser	Cut	1mm	5w	1	SUCCESS
Plastics, Transparent PVC Sheet	Laser	Raster Engrave	1mm	5w	1	SUCCESS
Plastics, Transparent PVC Sheet	Laser	Vector Engrave	1mm	5w	1	SUCCESS
Plastics, Transparent PVC Sheet	Laser	Cut	1mm	10w	1	SUCCESS
Plastics, Transparent PVC Sheet	Laser	Raster Engrave	1mm	10w	1	SUCCESS
Plastics, Transparent PVC Sheet	Laser	Vector Engrave	1mm	10w	1	SUCCESS
Plastics, Matte Transparent PVC Sheet	Blade	Cut	1mm	-	1	SUCCESS
Plastics, Matte Transparent PVC Sheet	Laser	Cut	1mm	5w	1	Fail
Plastics, Matte Transparent PVC Sheet	Laser	Raster Engrave	1mm	5w	1	Fail
Plastics, Matte Transparent PVC Sheet	Laser	Vector Engrave	1mm	5w	1	Fail
Plastics, Matte Transparent PVC Sheet	Laser	Cut	1mm	10w	1	Fail
Plastics, Matte Transparent PVC Sheet	Laser	Raster Engrave	1mm	10w	1	Fail
Plastics, Matte Transparent PVC Sheet	Laser	Vector Engrave	1mm	10w	1	Fail
Plastics, PC Mylar Sheet 0.15T	Blade	Cut	0.15mm	-	1	SUCCESS
Plastics, PC Mylar Sheet 0.15T	Laser	Cut	0.15mm	5w	1	SUCCESS
Plastics, PC Mylar Sheet 0.15T	Laser	Raster Engrave	0.15mm	5w	1	SUCCESS
Plastics, PC Mylar Sheet 0.15T	Laser	Vector Engrave	0.15mm	5w	1	SUCCESS
Plastics, PC Mylar Sheet 0.15T	Laser	Cut	0.15mm	10w	1	SUCCESS
Plastics, PC Mylar Sheet 0.15T	Laser	Raster Engrave	0.15mm	10w	1	SUCCESS



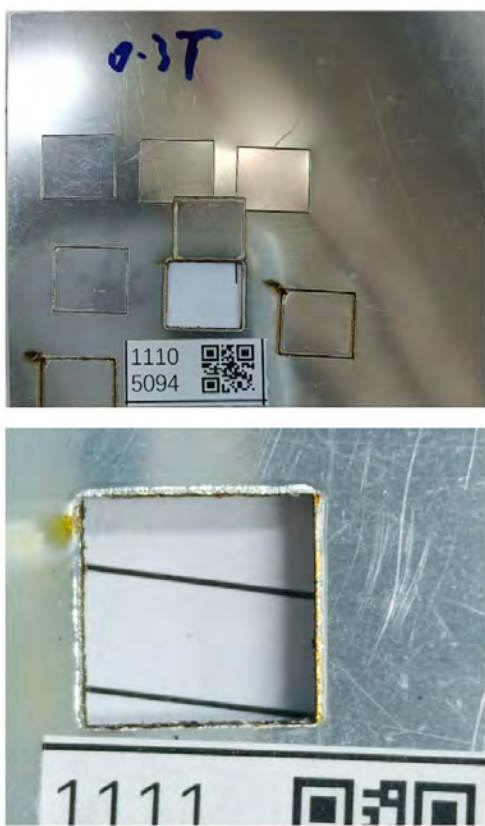
Material Name	Laser/Blade	Cut/Engrave	Thickness	Module	Pass	Result
Plastics, PC Mylar Sheet 0.15T	Laser	Vector Engrave	0.15mm	10w	1	SUCCESS
Plastics, PC Mylar Sheet 0.20T	Blade	Cut	0.20mm	-	1	SUCCESS
Plastics, PC Mylar Sheet 0.20T	Laser	Cut	0.20mm	5w	1	SUCCESS
Plastics, PC Mylar Sheet 0.20T	Laser	Raster Engrave	0.20mm	5w	1	SUCCESS
Plastics, PC Mylar Sheet 0.20T	Laser	Vector Engrave	0.20mm	5w	1	SUCCESS
Plastics, PC Mylar Sheet 0.20T	Laser	Cut	0.20mm	10w	1	SUCCESS
Plastics, PC Mylar Sheet 0.20T	Laser	Raster Engrave	0.20mm	10w	1	SUCCESS
Plastics, PC Mylar Sheet 0.20T	Laser	Vector Engrave	0.20mm	10w	1	SUCCESS
Plastics, PC Reflective Glasses	Blade	Cut	0.30mm	-	1	SUCCESS
Plastics, PC Reflective Glasses	Laser	Cut	0.30mm	5w	1	SUCCESS
Plastics, PC Reflective Glasses	Laser	Raster Engrave	0.30mm	5w	1	SUCCESS
Plastics, PC Reflective Glasses	Laser	Vector Engrave	0.30mm	5w	1	SUCCESS
Plastics, PC Reflective Glasses	Laser	Cut	0.30mm	10w	1	SUCCESS
Plastics, PC Reflective Glasses	Laser	Raster Engrave	0.30mm	10w	1	SUCCESS
Plastics, PC Reflective Glasses	Laser	Vector Engrave	0.30mm	10w	1	SUCCESS
Plastics, PC Reflective Glasses	Blade	Cut	0.50mm	-	0	Fail
Plastics, PC Reflective Glasses	Laser	Cut	0.50mm	5w	0	Fail
Plastics, PC Reflective Glasses	Laser	Raster Engrave	0.50mm	5w	1	SUCCESS
Plastics, PC Reflective Glasses	Laser	Vector Engrave	0.50mm	5w	1	SUCCESS
Plastics, PC Reflective Glasses	Laser	Cut	0.50mm	10w	1	SUCCESS
Plastics, PC Reflective Glasses	Laser	Raster Engrave	0.50mm	10w	1	SUCCESS
Plastics, PC Reflective Glasses	Laser	Vector Engrave	0.50mm	10w	1	SUCCESS
Plastics, ABS Building Block	Blade	Cut	3mm	-	1	Fail
Plastics, ABS Building Block	Laser	Cut	3mm	5w	-	-
Plastics, ABS Building Block	Laser	Raster Engrave	3mm	5w	1	SUCCESS
Plastics, ABS Building Block	Laser	Vector Engrave	3mm	5w	0	Fail
Plastics, ABS Building Block	Laser	Cut	3mm	10w	-	-
Plastics, ABS Building Block	Laser	Raster Engrave	3mm	10w	1	SUCCESS
Plastics, ABS Building Block	Laser	Vector Engrave	3mm	10w	1	SUCCESS
Plastics, Colored ABS Sheet (Red & White)	Blade	Cut	3mm	-	1	Fail
Plastics, Colored ABS Sheet (Red & White)	Laser	Cut	3mm	5w	0	Fail
Plastics, Colored ABS Sheet (Red & White)	Laser	Raster Engrave	3mm	5w	1	SUCCESS
Plastics, Colored ABS Sheet (Red & White)	Laser	Vector Engrave	3mm	5w	1	SUCCESS
Plastics, Colored ABS Sheet (Red & White)	Laser	Cut	3mm	10w	0	Fail
Plastics, Colored ABS Sheet (Red & White)	Laser	Raster Engrave	3mm	10w	1	SUCCESS
Plastics, Colored ABS Sheet (Red & White)	Laser	Vector Engrave	3mm	10w	1	SUCCESS
Plastics, Colored ABS Sheet	Blade	Cut	3mm	-	1	Fail
Plastics, Colored ABS Sheet	Laser	Cut	3mm	5w	0	Fail
Plastics, Colored ABS Sheet	Laser	Raster Engrave	3mm	5w	1	SUCCESS
Plastics, Colored ABS Sheet	Laser	Vector Engrave	3mm	5w	1	SUCCESS
Plastics, Colored ABS Sheet	Laser	Cut	3mm	10w	0	Fail
Plastics, Colored ABS Sheet	Laser	Raster Engrave	3mm	10w	1	SUCCESS
Plastics, Colored ABS Sheet	Laser	Vector Engrave	3mm	10w	1	SUCCESS



## Laser Cutting Test Pictures

### PC Reflective Glasses (0.3mm)

5W  
Laser  
Cut



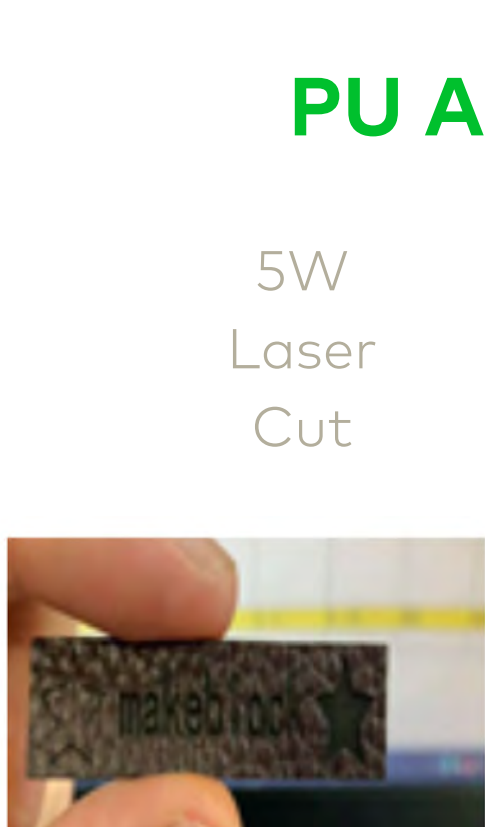
5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave



10W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave



10W  
Vector  
Engrave

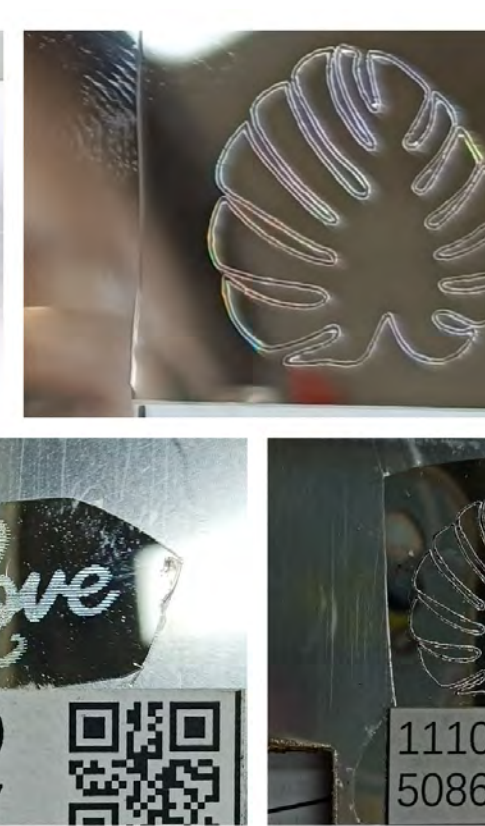


### PC Reflective Glasses (0.5mm)

5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave



10W  
Vector  
Engrave



### PU Artificial Leather

5W  
Laser  
Cut



5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave



10W  
Vector  
Engrave



### PVC Faux Leather

5W  
Laser  
Cut



5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave



10W  
Vector  
Engrave

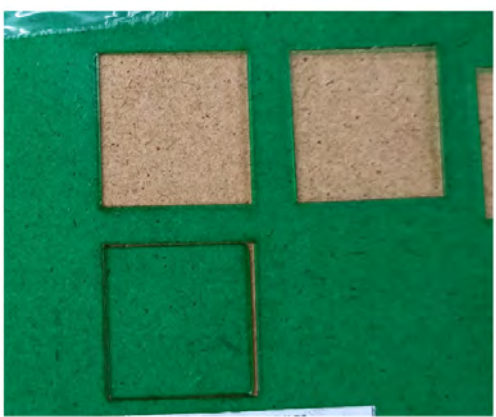




## Laser Cutting Test Pictures

### Colored PVC Sheet

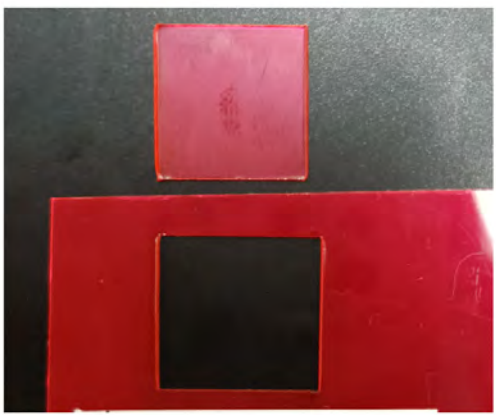
5W  
Laser  
Cut



5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut

10W  
Raster  
Engrave

10W  
Vector  
Engrave

### Full Grain Leather (Grey)

5W  
Laser  
Cut



5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut

10W  
Raster  
Engrave

10W  
Vector  
Engrave

### PC Mylar Sheet 0.15T

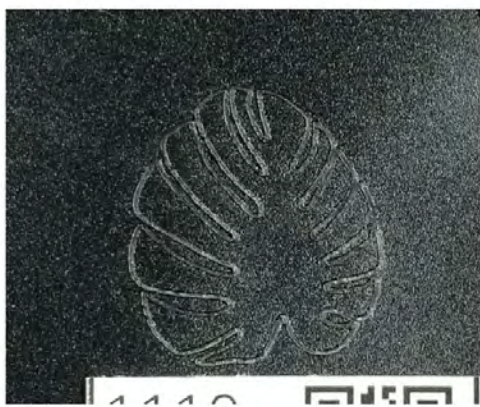
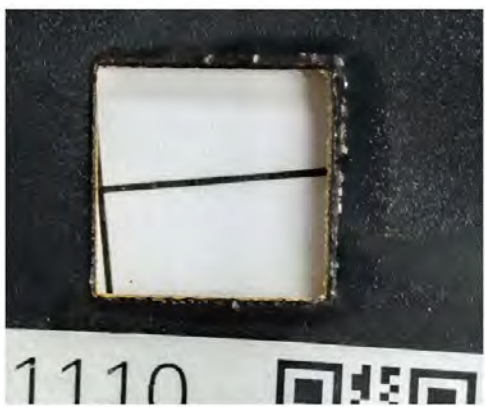
5W  
Laser  
Cut



5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut

10W  
Raster  
Engrave

10W  
Vector  
Engrave

### PC Mylar Sheet 0.20T

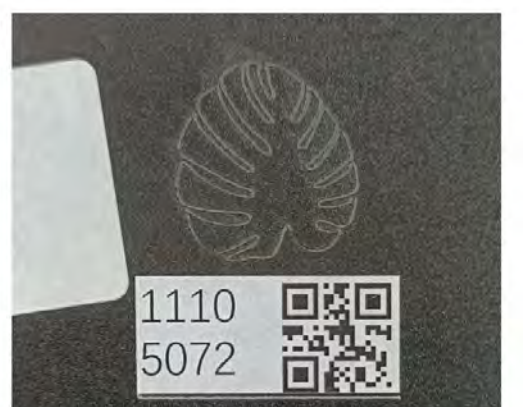
5W  
Laser  
Cut



5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut

10W  
Raster  
Engrave

10W  
Vector  
Engrave



## Laser Cutting Test Pictures

### Cowhide

5W  
Laser  
Cut



5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave



10W  
Vector  
Engrave



### Full Grain Leather (Teal)

5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave



10W  
Vector  
Engrave



### Colored ABS Sheet (Red & White)

5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Raster  
Engrave



10W  
Vector  
Engrave



### Full Grain Leather (Check)

5W  
Vector  
Engrave



10W  
Raster  
Engrave



10W  
Vector  
Engrave





## Laser Cutting Test Pictures

### ABS Building Block

5W  
Raster  
Engrave



10W  
Raster  
Engrave



10W  
Vector  
Engrave

## Blade Cutting Test Pictures



PU Artificial  
Leather

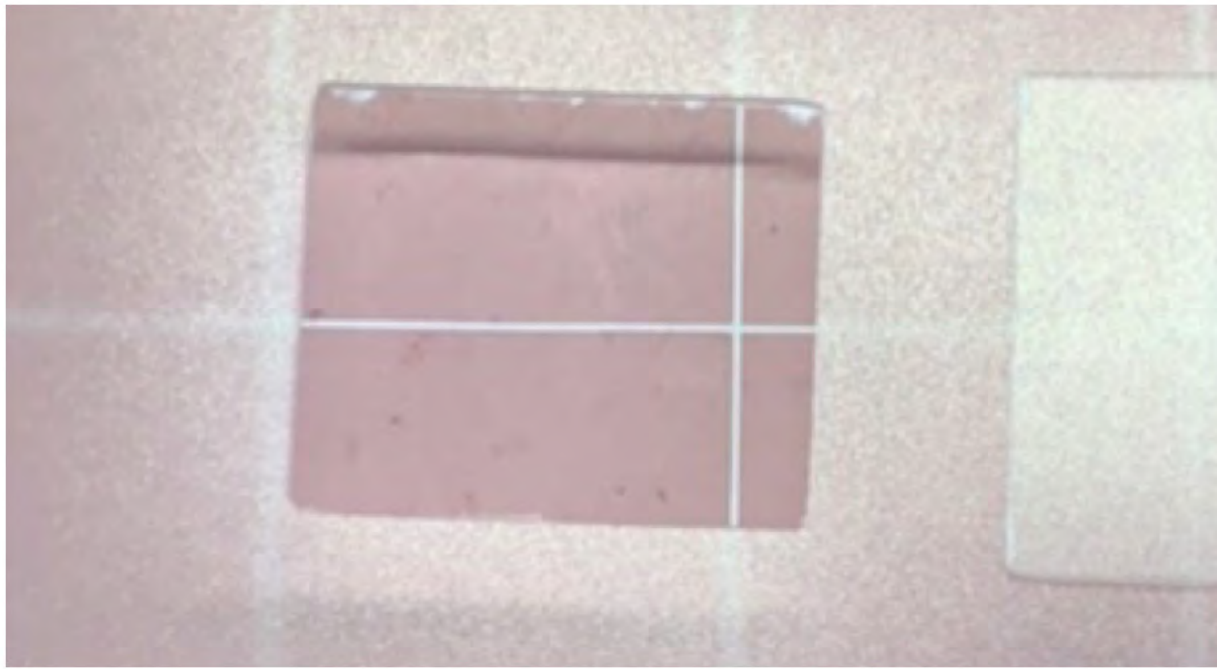


PVC Faux  
Leather

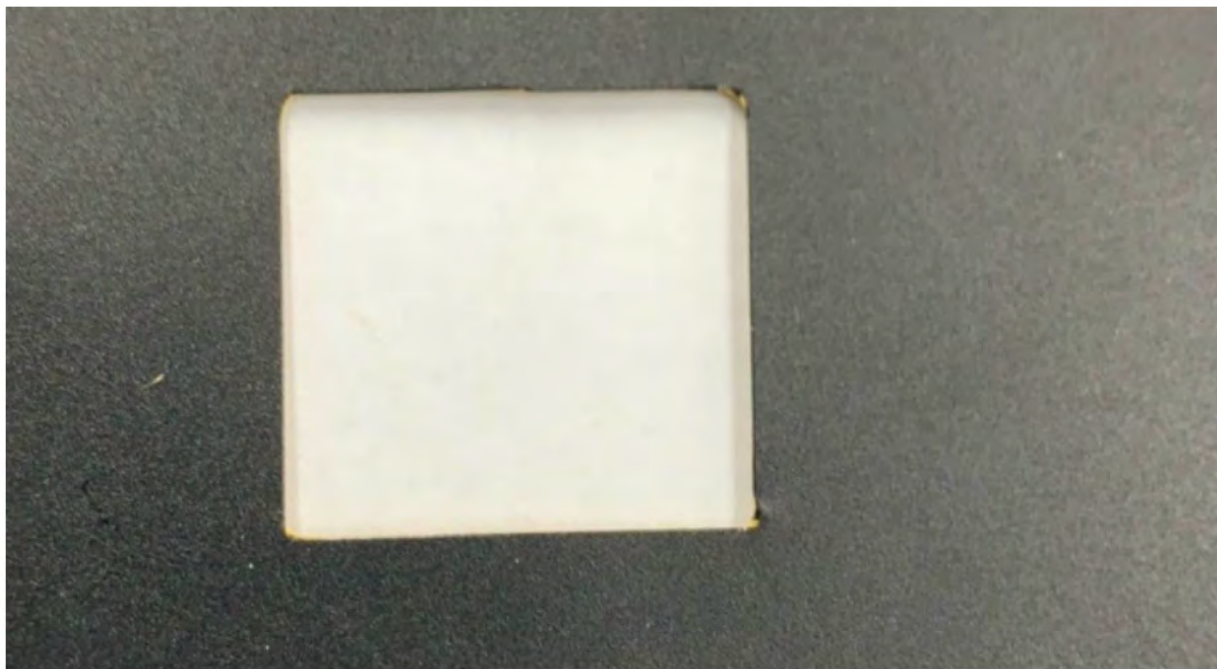
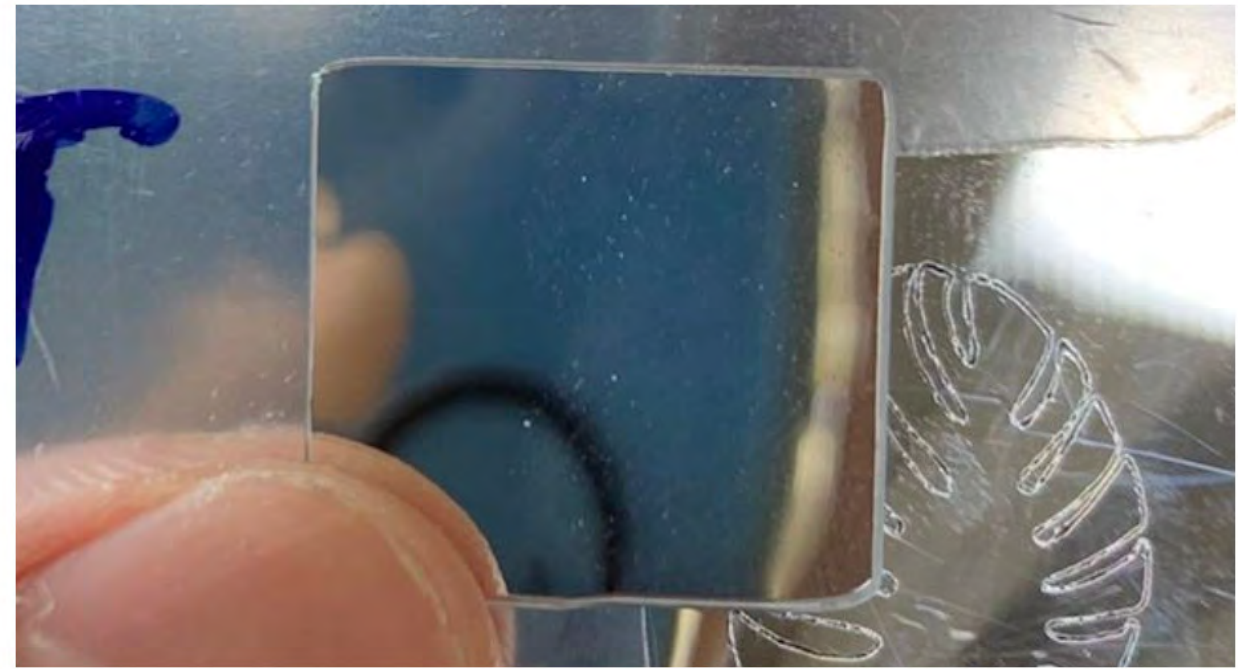


## Blade Cutting Test Pictures

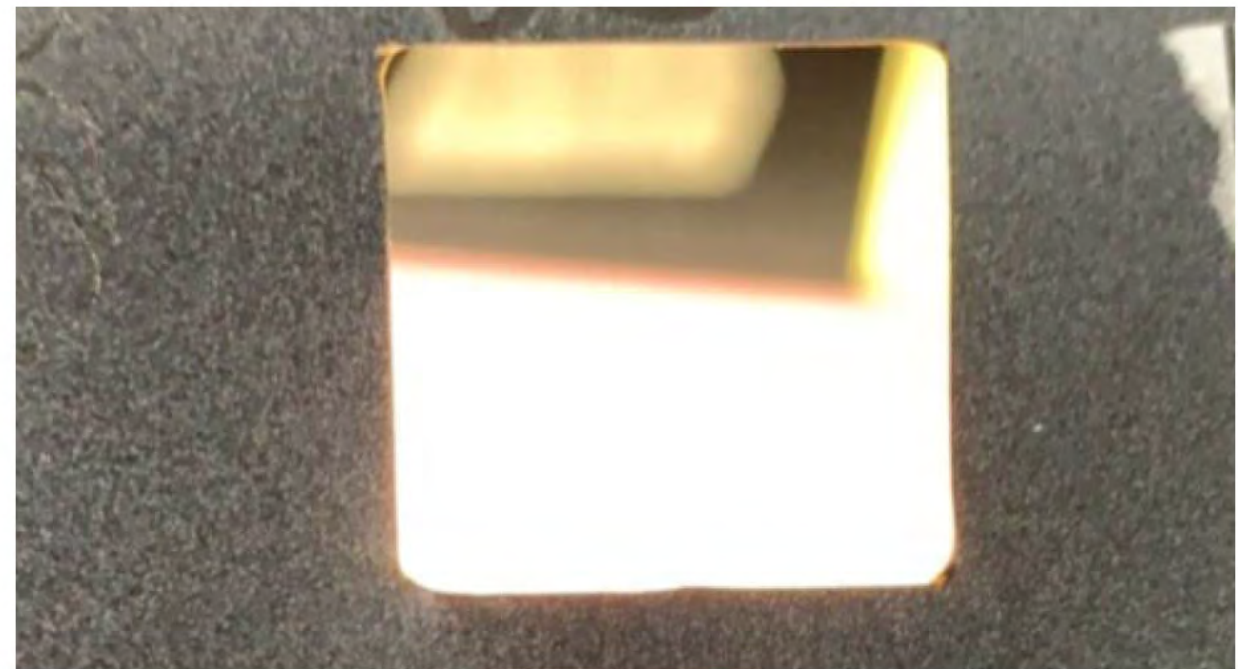
Colored PVC Sheet



PC Reflective Glasses



PC Mylar Sheet  
0.15T



PC Mylar Sheet  
0.20T



# MATERIAL REPORT LIST #3

## FABRIC

This document contains all fabric materials that M1 has been testing so far. All provided information includes material name, whether it used Laser or Blade, to cut or engrave, thickness, machine module, Pass, and result.

Please note that:

- We are still testing and optimizing the features of M1, the testing data may change due to the machine's optimization.

We will continue uploading our test reports on different types of materials in the future. Stay tuned with us!

Material Name	Laser/Blade	Cut/Engrave	Thickness	Module	Pass	Result
Fabric, Cork Coated Non-Woven Fabric	Blade	Cut	1mm	-	1	SUCCESS
Fabric, Cork Coated Non-Woven Fabric	Laser	Cut	1mm	5w	1	SUCCESS
Fabric, Cork Coated Non-Woven Fabric	Laser	Raster Engrave	1mm	5w	1	SUCCESS
Fabric, Cork Coated Non-Woven Fabric	Laser	Vector Engrave	1mm	5w	1	SUCCESS
Fabric, Cork Coated Non-Woven Fabric	Laser	Cut	1mm	10w	1	SUCCESS
Fabric, Cork Coated Non-Woven Fabric	Laser	Raster Engrave	1mm	10w	1	SUCCESS
Fabric, Cotton	Blade	Cut	1mm	-	1	SUCCESS
Fabric, Cotton	Laser	Cut	1mm	5w	1	SUCCESS
Fabric, Cotton	Laser	Raster Engrave	1mm	5w	1	SUCCESS
Fabric, Cotton	Laser	Vector Engrave	1mm	5w	1	SUCCESS
Fabric, Cotton	Laser	Cut	1mm	10w	1	SUCCESS
Fabric, Cotton	Laser	Raster Engrave	1mm	10w	1	SUCCESS
Fabric, Cotton	Laser	Vector Engrave	1mm	10w	1	SUCCESS
Fabric, Denim	Blade	Cut	0.8mm	-	1	SUCCESS
Fabric, Denim	Laser	Cut	0.8mm	5w	1	SUCCESS
Fabric, Denim	Laser	Raster Engrave	0.8mm	5w	1	SUCCESS
Fabric, Denim	Laser	Vector Engrave	0.8mm	5w	1	SUCCESS
Fabric, Denim	Laser	Cut	0.8mm	10w	1	SUCCESS
Fabric, Denim	Laser	Raster Engrave	0.8mm	10w	1	SUCCESS
Fabric, Denim	Laser	Vector Engrave	0.8mm	10w	1	SUCCESS



Material Name	Laser/Blade	Cut/Engrave	Thickness	Module	Pass	Result
Fabric, Felt	Blade	Cut	1mm	-	1	SUCCESS
Fabric, Felt	Laser	Cut	1mm	5w	1	SUCCESS
Fabric, Felt	Laser	Raster Engrave	1mm	5w	1	SUCCESS
Fabric, Felt	Laser	Vector Engrave	1mm	5w	1	SUCCESS
Fabric, Felt	Laser	Cut	1mm	10w	1	SUCCESS
Fabric, Felt	Laser	Raster Engrave	1mm	10w	1	SUCCESS
Fabric, Felt	Laser	Vector Engrave	1mm	10w	1	SUCCESS
Fabric, Felt	Laser	Cut	1.6mm	5w	1	SUCCESS
Fabric, Felt	Laser	Raster Engrave	1.6mm	5w	1	SUCCESS
Fabric, Felt	Laser	Vector Engrave	1.6mm	5w	1	SUCCESS
Fabric, Felt	Laser	Cut	1.6mm	10w	1	SUCCESS
Fabric, Felt	Laser	Raster Engrave	1.6mm	10w	1	SUCCESS
Fabric, Felt	Laser	Vector Engrave	1.6mm	10w	1	SUCCESS
Fabric, Flannel	Blade	Cut	1mm	-	1	SUCCESS
Fabric, Flannel	Laser	Cut	1mm	5w	1	SUCCESS
Fabric, Flannel	Laser	Raster Engrave	1mm	5w	1	SUCCESS
Fabric, Flannel	Laser	Vector Engrave	1mm	5w	1	SUCCESS
Fabric, Flannel	Laser	Cut	1mm	10w	1	SUCCESS
Fabric, Flannel	Laser	Raster Engrave	1mm	10w	1	SUCCESS
Fabric, Flannel	Laser	Vector Engrave	1mm	10w	1	SUCCESS
Fabric, Linen (Blue & White)	Blade	Cut	1mm	-	1	Fail
Fabric, Linen (Blue & White)	Laser	Cut	1mm	5w	1	SUCCESS
Fabric, Linen (Blue & White)	Laser	Raster Engrave	1mm	5w	1	SUCCESS
Fabric, Linen (Blue & White)	Laser	Vector Engrave	1mm	5w	0	Fail
Fabric, Linen (Blue & White)	Laser	Cut	1mm	10w	1	SUCCESS
Fabric, Linen (Blue & White)	Laser	Raster Engrave	1mm	10w	1	SUCCESS
Fabric, Linen (Blue & White)	Laser	Vector Engrave	1mm	10w	0	Fail
Fabric, Linen (Heavy Weight)	Blade	Cut	1mm	-	1	Fail
Fabric, Linen (Heavy Weight)	Laser	Cut	1mm	5w	1	SUCCESS
Fabric, Linen (Heavy Weight)	Laser	Raster Engrave	1mm	5w	0	Fail
Fabric, Linen (Heavy Weight)	Laser	Vector Engrave	1mm	5w	0	Fail
Fabric, Linen (Loose Weave)	Blade	Cut	1mm	-	1	Fail
Fabric, Linen (Loose Weave)	Laser	Cut	1mm	5w	1	SUCCESS
Fabric, Linen (Loose Weave)	Laser	Raster Engrave	1mm	5w	0	Fail
Fabric, Linen (Loose Weave)	Laser	Vector Engrave	1mm	5w	0	Fail
Fabric, Lyocell (Tencel)	Blade	Cut	1mm	-	1	SUCCESS
Fabric, Lyocell (Tencel)	Laser	Cut	1mm	5w	1	SUCCESS
Fabric, Lyocell (Tencel)	Laser	Raster Engrave	1mm	5w	1	SUCCESS
Fabric, Lyocell (Tencel)	Laser	Vector Engrave	1mm	5w	1	SUCCESS
Fabric, Lyocell (Tencel)	Laser	Cut	1mm	10w	1	SUCCESS
Fabric, Lyocell (Tencel)	Laser	Raster Engrave	1mm	10w	1	SUCCESS
Fabric, Lyocell (Tencel)	Laser	Vector Engrave	1mm	10w	1	SUCCESS
Fabric, Nylon	Blade	Cut	1mm	-	1	SUCCESS
Fabric, Nylon	Laser	Cut	1mm	5w	1	SUCCESS
Fabric, Nylon	Laser	Raster Engrave	1mm	5w	1	SUCCESS
Fabric, Nylon	Laser	Vector Engrave	1mm	5w	1	SUCCESS
Fabric, Nylon	Laser	Cut	1mm	10w	1	SUCCESS
Fabric, Nylon	Laser	Raster Engrave	1mm	10w	1	SUCCESS



## Laser Cutting Test Pictures

### Blue and White Linen

5W  
Laser  
Cut



5W  
Raster  
Engrave



10W  
Laser  
Cut

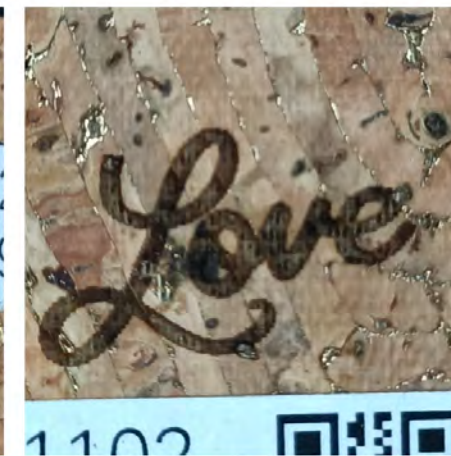
10W  
Raster  
Engrave

### Cork Coated Non-Woven Fabric

5W  
Laser  
Cut



5W  
Raster  
Engrave



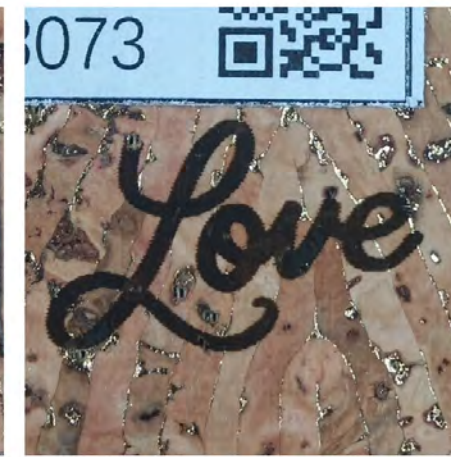
5W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave



10W  
Vector  
Engrave



### Cotton

5W  
Laser  
Cut



5W  
Raster  
Engrave



5W  
Vector  
Engrave



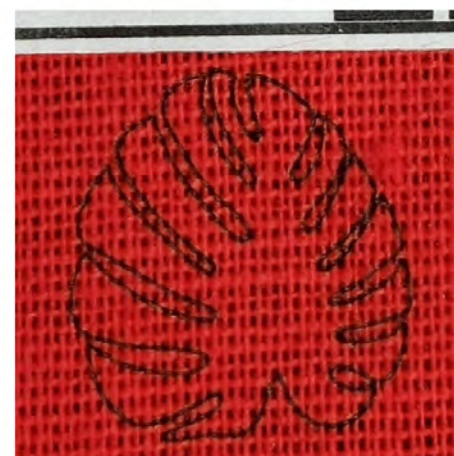
10W  
Laser  
Cut



10W  
Raster  
Engrave

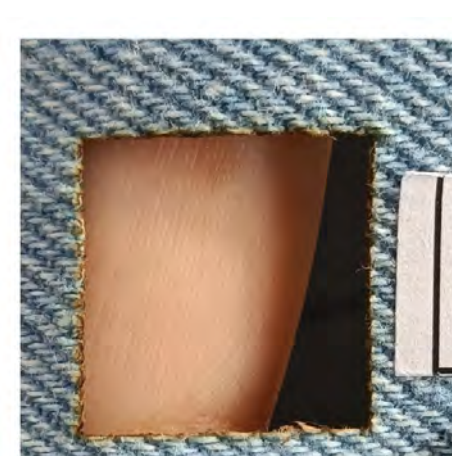


10W  
Vector  
Engrave



### Denim

5W  
Laser  
Cut



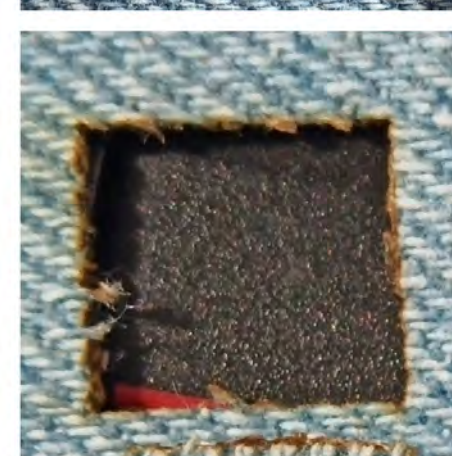
5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave



10W  
Vector  
Engrave





## Laser Cutting Test Pictures

### Felt

5W  
Laser  
Cut



5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut



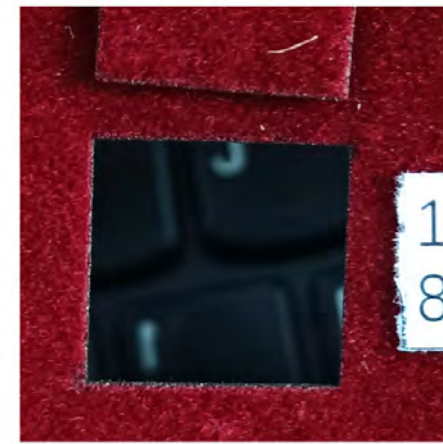
10W  
Raster  
Engrave



10W  
Vector  
Engrave

### Flannel

5W  
Laser  
Cut



5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut



10W  
Raster  
Engrave



10W  
Vector  
Engrave

### Heavy Weight Linen

5W Laser Cut



### Loose Weave Linen

5W Laser Cut





## Laser Cutting Test Pictures

### Lyocell (Tencel)

### Nylon

5W  
Laser  
Cut

5W  
Raster  
Engrave

5W  
Vector  
Engrave

5W  
Laser  
Cut

5W  
Raster  
Engrave

5W  
Vector  
Engrave



10W  
Laser  
Cut

10W  
Raster  
Engrave

10W  
Vector  
Engrave

10W  
Laser  
Cut

10W  
Raster  
Engrave

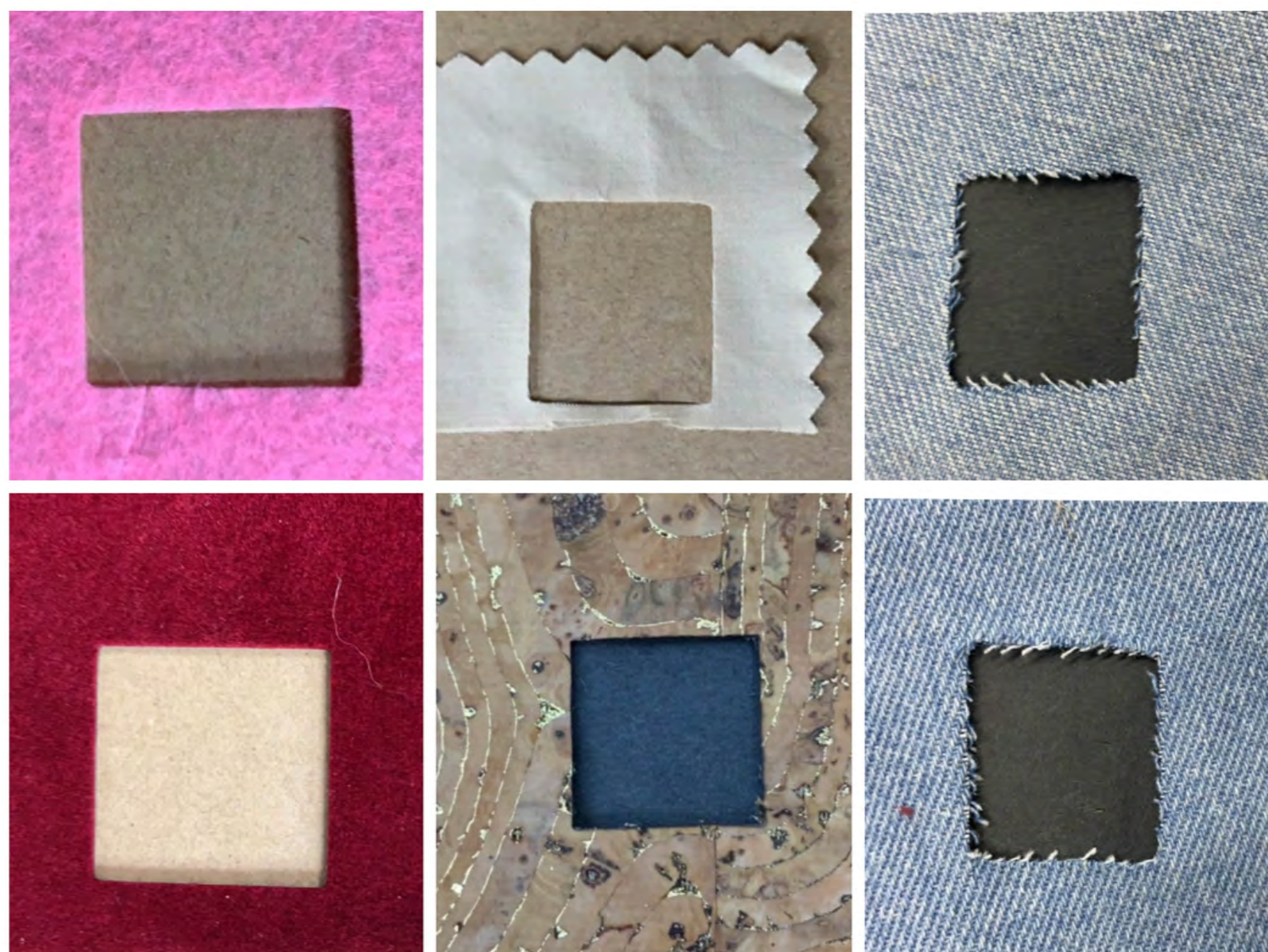
10W  
Vector  
Engrave

## Blade Cutting Test Pictures

### Felt

### Lyocell (Tencel)

### Denim (back side)



### Cotton

### Cork Coated Non-Woven

### Denim



# MATERIAL REPORT LIST #2

## FOAM & RUBBER

This document contains all foam and rubber materials that M1 has been testing so far. All provided information includes material name, whether it used Laser or Blade, to cut or engrave, thickness, machine module, Pass, and result.

Please note that:

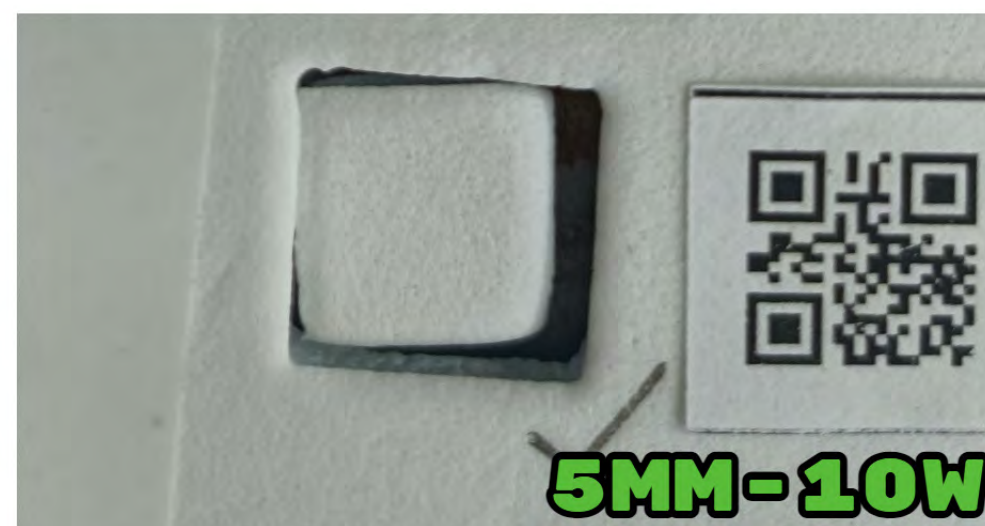
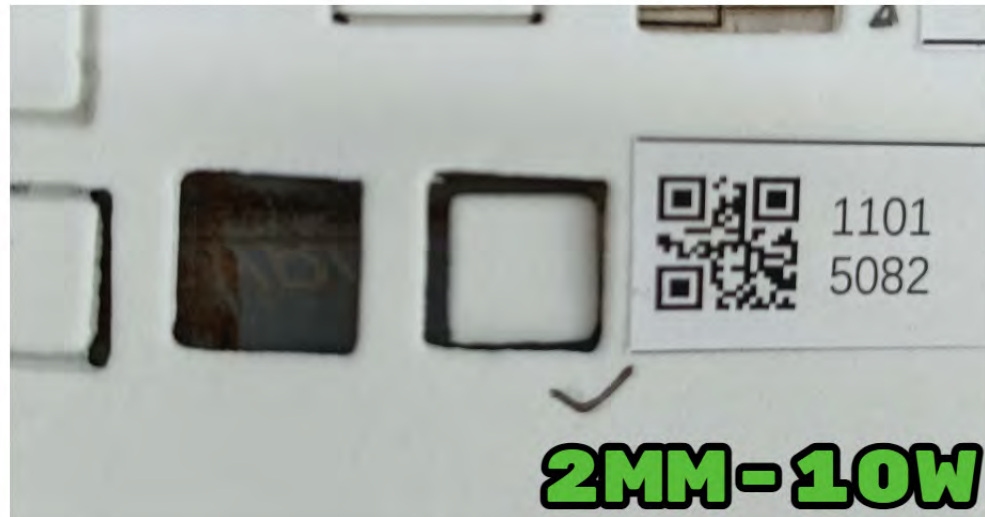
- We are still testing and optimizing the features of M1, the testing data may change due to the machine's optimization.

We will continue uploading our test reports on different types of materials in the future. Stay tuned with us!

Material Name	Laser/Blade	Cut/Engrave	Thickness	Module	Pass	Result
Foam, EVA Foam	Laser/Blade	Cut	1mm	5W	1	SUCCESS
Foam, EVA Foam	Laser/Blade	Cut	1mm	10W	1	SUCCESS
Foam, EVA Foam	Laser	Cut	2mm	5W	1	SUCCESS
Foam, EVA Foam	Laser	Cut	2mm	10W	1	SUCCESS
Foam, EVA Foam	Laser	Cut	3mm	5W	1	SUCCESS
Foam, EVA Foam	Laser	Cut	3mm	10W	1	SUCCESS
Foam, EVA Foam	Laser	Cut	5mm	5W	1	SUCCESS
Foam, EVA Foam	Laser	Cut	5mm	10W	1	SUCCESS
Rubber, Natural Latex	Laser	Raster Engrave	-	5W	2	SUCCESS
Rubber, Natural Latex	Laser	Vector Engrave	-	5W	1	SUCCESS
Rubber, Natural Latex	Laser	Raster Engrave	-	10W	2	SUCCESS
Rubber, Natural Latex	Laser	Vector Engrave	-	10W	1	SUCCESS
Rubber, Self-Inking Stamp	Laser	Raster Engrave	-	5W	1	SUCCESS
Rubber, Self-Inking Stamp	Laser	Raster Engrave	-	10W	1	SUCCESS
Rubber, Silicone Cup Mat	Laser	Raster Engrave	-	5W	1	SUCCESS
Rubber, Silicone Cup Mat	Laser	Vector Engrave	-	5W	1	SUCCESS
Rubber, Silicone Cup Mat	Laser	Raster Engrave	-	10W	1	SUCCESS
Rubber, Silicone Cup Mat	Laser	Vector Engrave	-	10W	1	SUCCESS
Rubber, Silicone Ring	Laser	Raster Engrave	-	5W	1	SUCCESS
Rubber, Silicone Ring	Laser	Vector Engrave	-	5W	1	SUCCESS
Rubber, Silicone Ring	Laser	Raster Engrave	-	10W	1	SUCCESS
Rubber, Silicone Ring	Laser	Vector Engrave	-	10W	1	SUCCESS



## EVA FOAM



## SILICONE RING





# MATERIAL REPORT LIST #1

## ACRYLIC

This document contains all acrylic materials that M1 has been testing so far. All provided information includes material name, whether it used Laser or Blade, to cut or engrave, thickness, machine module, and result.

Please note that:

- We are still testing and optimizing the features of M1, the testing data may change due to the machine's optimization.

We will continue uploading our test reports on different types of materials in the future. Stay tuned with us!



Material Name	Laser/Blade	Cut/Engrave	Thickness	Module	Result
Acrylic, Black Acrylic	Laser	Cut	1mm	5W	SUCCESS
Acrylic, Black Acrylic	Laser	Raster Engrave	1mm	5W	SUCCESS
Acrylic, Black Acrylic	Laser	Vector Engrave	1mm	5W	SUCCESS
Acrylic, Black Acrylic	Laser	Cut	1mm	10W	SUCCESS
Acrylic, Black Acrylic	Laser	Raster Engrave	1mm	10W	SUCCESS
Acrylic, Black Acrylic	Laser	Vector Engrave	1mm	10W	SUCCESS
Acrylic, Black Acrylic	Laser	Cut	1.5mm	5W	SUCCESS
Acrylic, Black Acrylic	Laser	Vector Engrave	1.5mm	5W	SUCCESS
Acrylic, Black Acrylic	Laser	Cut	1.5mm	10W	SUCCESS
Acrylic, Black Acrylic	Laser	Vector Engrave	1.5mm	10W	SUCCESS
Acrylic, Black Acrylic	Laser	Cut	2mm	5W	SUCCESS
Acrylic, Black Acrylic	Laser	Vector Engrave	2mm	5W	SUCCESS
Acrylic, Black Acrylic	Laser	Cut	2mm	10W	SUCCESS
Acrylic, Black Acrylic	Laser	Vector Engrave	2mm	10W	SUCCESS
Acrylic, Black Acrylic	Laser	Cut	3mm	5W	SUCCESS
Acrylic, Black Acrylic	Laser	Vector Engrave	3mm	5W	SUCCESS
Acrylic, Black Acrylic	Laser	Cut	3mm	10W	SUCCESS
Acrylic, Black Acrylic	Laser	Vector Engrave	3mm	10W	SUCCESS
Acrylic, Black Acrylic	Laser	Cut	5mm	5W	SUCCESS
Acrylic, Black Acrylic	Laser	Cut	5mm	10W	SUCCESS
Acrylic, Blue Acrylic	Laser	Cut	2mm	5W	Fail
Acrylic, Blue Acrylic	Laser	Raster Engrave	2mm	5W	Fail
Acrylic, Blue Acrylic	Laser	Vector Engrave	2mm	5W	Fail
Acrylic, Blue Acrylic	Laser	Cut	2mm	10W	Fail
Acrylic, Blue Acrylic	Laser	Raster Engrave	2mm	10W	SUCCESS
Acrylic, Blue Acrylic	Laser	Vector Engrave	2mm	10W	SUCCESS
Acrylic, Blue Acrylic	Laser	Cut	2.5mm	5W	Fail
Acrylic, Blue Acrylic	Laser	Vector Engrave	2.5mm	5W	SUCCESS
Acrylic, Blue Acrylic	Laser	Raster Engrave	2.5mm	5W	SUCCESS
Acrylic, Blue Acrylic	Laser	Cut	2.5mm	10W	Fail
Acrylic, Blue Acrylic	Laser	Raster Engrave	2.5mm	10W	SUCCESS
Acrylic, Blue Acrylic	Laser	Vector Engrave	2.5mm	10W	SUCCESS
Acrylic, Blue Acrylic	Laser	Cut	3mm	5W	Fail
Acrylic, Blue Acrylic	Laser	Raster Engrave	3mm	5W	SUCCESS
Acrylic, Blue Acrylic	Laser	Vector Engrave	3mm	5W	SUCCESS
Acrylic, Blue Acrylic	Laser	Cut	3mm	10W	Fail
Acrylic, Blue Acrylic	Laser	Raster Engrave	3mm	10W	SUCCESS
Acrylic, Blue Acrylic	Laser	Vector Engrave	3mm	10W	SUCCESS
Acrylic, Blue Acrylic	Laser	Cut	5mm	5W	Fail
Acrylic, Blue Acrylic	Laser	Raster Engrave	5mm	5W	SUCCESS



Material Name	Laser/Blade	Cut/Engrave	Thickness	Module	Result
Acrylic, Blue Acrylic	Laser	Vector Engrave	5mm	5W	<b>SUCCESS</b>
Acrylic, Blue Acrylic	Laser	Cut	5mm	10W	Fail
Acrylic, Blue Acrylic	Laser	Raster Engrave	5mm	10W	<b>SUCCESS</b>
Acrylic, Blue Acrylic	Laser	Vector Engrave	5mm	10W	<b>SUCCESS</b>
Acrylic, Green Acrylic	Laser	Cut	1.5mm	5W	Fail
Acrylic, Green Acrylic	Laser	Vector Engrave	1.5mm	5W	<b>SUCCESS</b>
Acrylic, Green Acrylic	Laser	Cut	1.5mm	10W	Fail
Acrylic, Green Acrylic	Laser	Vector Engrave	1.5mm	10W	<b>SUCCESS</b>
Acrylic, Green Acrylic	Laser	Cut	2.5mm	5W	Fail
Acrylic, Green Acrylic	Laser	Raster Engrave	2.5mm	5W	<b>SUCCESS</b>
Acrylic, Green Acrylic	Laser	Vector Engrave	2.5mm	5W	<b>SUCCESS</b>
Acrylic, Green Acrylic	Laser	Cut	2.5mm	10W	Fail
Acrylic, Green Acrylic	Laser	Raster Engrave	2.5mm	10W	<b>SUCCESS</b>
Acrylic, Green Acrylic	Laser	Vector Engrave	2.5mm	10W	<b>SUCCESS</b>
Acrylic, Green Acrylic	Laser	Cut	3mm	5W	Fail
Acrylic, Green Acrylic	Laser	Raster Engrave	3mm	5W	<b>SUCCESS</b>
Acrylic, Green Acrylic	Laser	Vector Engrave	3mm	5W	<b>SUCCESS</b>
Acrylic, Green Acrylic	Laser	Cut	3mm	10W	Fail
Acrylic, Green Acrylic	Laser	Raster Engrave	3mm	10W	<b>SUCCESS</b>
Acrylic, Green Acrylic	Laser	Vector Engrave	3mm	10W	<b>SUCCESS</b>
Acrylic, Green Acrylic	Laser	Cut	5mm	5W	Fail
Acrylic, Green Acrylic	Laser	Raster Engrave	5mm	5W	Fail
Acrylic, Green Acrylic	Laser	Vector Engrave	5mm	5W	<b>SUCCESS</b>
Acrylic, Green Acrylic	Laser	Cut	5mm	10W	Fail
Acrylic, Green Acrylic	Laser	Raster Engrave	5mm	10W	<b>SUCCESS</b>
Acrylic, Green Acrylic	Laser	Vector Engrave	5mm	10W	<b>SUCCESS</b>
Acrylic, Mirror Acrylic	Laser	Cut	3mm	5W	Fail
Acrylic, Mirror Acrylic	Laser	Raster Engrave	3mm	5W	<b>SUCCESS</b>
Acrylic, Mirror Acrylic	Laser	Vector Engrave	3mm	5W	<b>SUCCESS</b>
Acrylic, Mirror Acrylic	Laser	Cut	3mm	10W	Fail
Acrylic, Mirror Acrylic	Laser	Raster Engrave	3mm	10W	<b>SUCCESS</b>
Acrylic, Mirror Acrylic	Laser	Vector Engrave	3mm	10W	<b>SUCCESS</b>
Acrylic, Pink Acrylic	Laser	Cut	1mm	5W	<b>SUCCESS</b>
Acrylic, Pink Acrylic	Laser	Raster Engrave	1mm	5W	<b>SUCCESS</b>
Acrylic, Pink Acrylic	Laser	Vector Engrave	1mm	5W	<b>SUCCESS</b>
Acrylic, Pink Acrylic	Laser	Cut	1mm	10W	<b>SUCCESS</b>
Acrylic, Pink Acrylic	Laser	Raster Engrave	1mm	10W	<b>SUCCESS</b>
Acrylic, Pink Acrylic	Laser	Vector Engrave	1mm	10W	<b>SUCCESS</b>
Acrylic, Red Acrylic	Laser	Cut	2mm	5W	<b>SUCCESS</b>
Acrylic, Red Acrylic	Laser	Vector Engrave	2mm	5W	<b>SUCCESS</b>



Material Name	Laser/Blade	Cut/Engrave	Thickness	Module	Result
Acrylic, Red Acrylic	Laser	Cut	2mm	10W	SUCCESS
Acrylic, Red Acrylic	Laser	Vector Engrave	2mm	10W	SUCCESS
Acrylic, Red Acrylic	Laser	Cut	3mm	5W	SUCCESS
Acrylic, Red Acrylic	Laser	Raster Engrave	3mm	5W	SUCCESS
Acrylic, Red Acrylic	Laser	Vector Engrave	3mm	5W	SUCCESS
Acrylic, Red Acrylic	Laser	Cut	3mm	10W	SUCCESS
Acrylic, Red Acrylic	Laser	Raster Engrave	3mm	10W	SUCCESS
Acrylic, Red Acrylic	Laser	Vector Engrave	3mm	10W	SUCCESS
Acrylic, Red Acrylic	Laser	Cut	5mm	5W	SUCCESS
Acrylic, Red Acrylic	Laser	Raster Engrave	5mm	5W	SUCCESS
Acrylic, Red Acrylic	Laser	Vector Engrave	5mm	5W	SUCCESS
Acrylic, Red Acrylic	Laser	Cut	5mm	10W	SUCCESS
Acrylic, Red Acrylic	Laser	Raster Engrave	5mm	10W	SUCCESS
Acrylic, Red Acrylic	Laser	Vector Engrave	5mm	10W	SUCCESS
Acrylic, Semi-Clear Acrylic	Laser	Cut	1mm	5W	Fail
Acrylic, Semi-Clear Acrylic	Laser	Raster Engrave	1mm	5W	Fail
Acrylic, Semi-Clear Acrylic	Laser	Vector Engrave	1mm	5W	Fail
Acrylic, Semi-Clear Acrylic	Laser	Cut	1mm	10W	Fail
Acrylic, Semi-Clear Acrylic	Laser	Vector Engrave	1mm	10W	SUCCESS
Acrylic, White Acrylic	Laser	Cut	1.5mm	5W	Fail
Acrylic, White Acrylic	Laser	Vector Engrave	1.5mm	5W	SUCCESS
Acrylic, White Acrylic	Laser	Cut	1.5mm	10W	Fail
Acrylic, White Acrylic	Laser	Vector Engrave	1.5mm	10W	SUCCESS
Acrylic, White Acrylic	Laser	Cut	2.5mm	5W	Fail
Acrylic, White Acrylic	Laser	Vector Engrave	2.5mm	5W	SUCCESS
Acrylic, White Acrylic	Laser	Cut	2.5mm	10W	Fail
Acrylic, White Acrylic	Laser	Vector Engrave	2.5mm	10W	SUCCESS
Acrylic, White Acrylic	Laser	Cut	3mm	5W	Fail
Acrylic, White Acrylic	Laser	Vector Engrave	3mm	5W	SUCCESS
Acrylic, White Acrylic	Laser	Cut	3mm	10W	Fail
Acrylic, White Acrylic	Laser	Vector Engrave	3mm	10W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Cut	2mm	5W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Vector Engrave	2mm	5W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Cut	2mm	10W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Vector Engrave	2mm	10W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Cut	2.5mm	5W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Raster Engrave	2.5mm	5W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Vector Engrave	2.5mm	5W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Cut	2.5mm	10W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Raster Engrave	2.5mm	10W	SUCCESS



Material Name	Laser/Blade	Cut/Engrave	Thickness	Module	Result
Acrylic, Yellow Acrylic	Laser	Vector Engrave	2.5mm	10W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Cut	3mm	5W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Raster Engrave	3mm	5W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Vector Engrave	3mm	5W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Cut	3mm	10W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Raster Engrave	3mm	10W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Vector Engrave	3mm	10W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Cut	5mm	5W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Raster Engrave	5mm	5W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Vector Engrave	5mm	5W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Cut	5mm	10W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Raster Engrave	5mm	10W	SUCCESS
Acrylic, Yellow Acrylic	Laser	Vector Engrave	5mm	10W	SUCCESS



## Laser Cutting Test Pictures

### Black Acrylics (2mm)

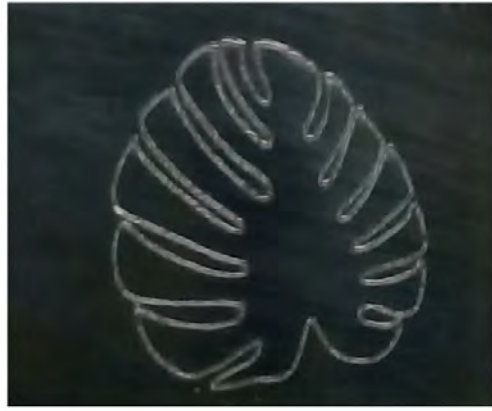
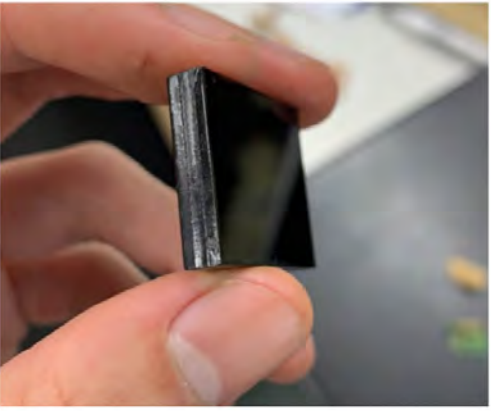
5W  
Laser  
Cut



5W  
Raster  
Engrave



5W  
Vector  
Engrave



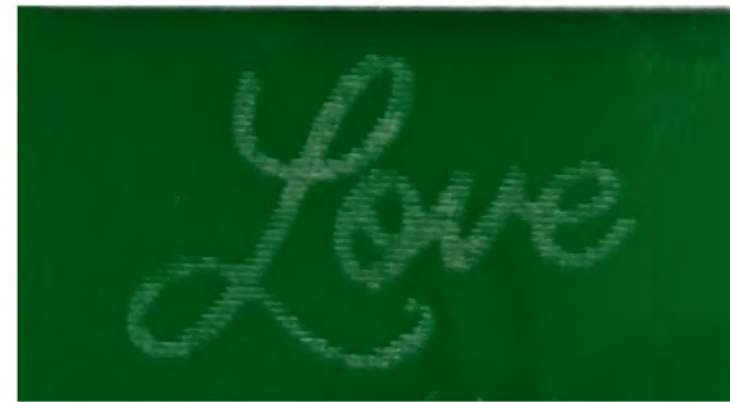
10W  
Laser  
Cut

10W  
Raster  
Engrave

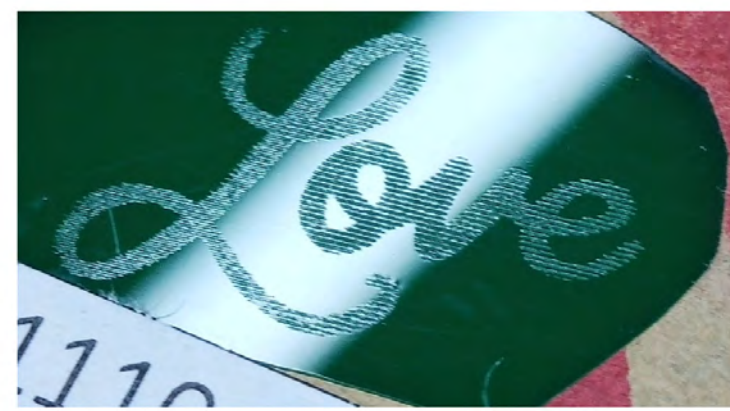
10W  
Vector  
Engrave

### Green Acrylics (2.5mm)

5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Raster  
Engrave

10W  
Vector  
Engrave

### Mirror Acrylic

5W  
Raster  
Engrave



5W  
Vector  
Engrave

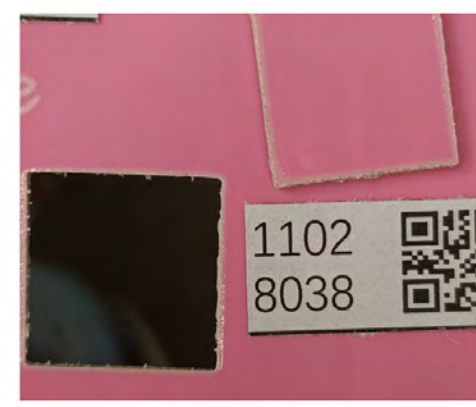


10W  
Raster  
Engrave

10W  
Vector  
Engrave

### Pink Acrylics (5mm)

5W  
Laser  
Cut



5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut

10W  
Raster  
Engrave

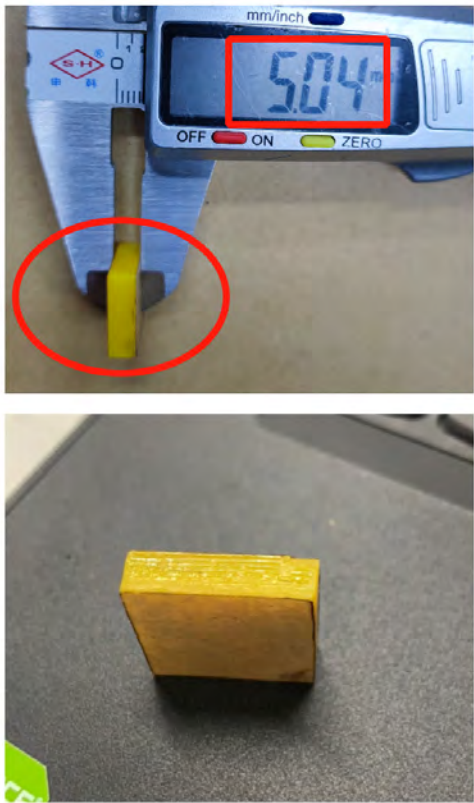
10W  
Vector  
Engrave



## Laser Cutting Test Pictures

### Yellow Acrylics (5mm)

5W  
Laser  
Cut



5W  
Raster  
Engrave



5W  
Vector  
Engrave



10W  
Laser  
Cut

10W  
Raster  
Engrave

10W  
Vector  
Engrave

## Laser Engraving & Cutting Projects

### Red Acrylics Keychain



### Green Acrylics Earrings





Laser Engraving & Cutting Projects

