

# Epilog Approved Materials List

## Material size limitations:

- Maximum project size is 12 inches by 24 inches.
- Maximum project thickness is 6.5 inches.
- Maximum rotary device project diameter is 4.5 inches



**It is required to have Staff check any items that are brought into to be laser engraved or cut before starting a project.**

Material	Engrave Settings	Vector Cut Settings
<p>Acrylic</p> <p>All acrylic must be approved by staff before use.</p> <p>Recommended stores: Inventables Canal Plastics Glowforge</p>	<p><b>Regular Engrave</b> Speed - 100 Power - 55</p>	<p><b>1/16<sup>th</sup> inch thick</b> Speed - 15 Power - 100 Frequency - 30</p>
		<p><b>1/8<sup>th</sup> inch thick</b> Speed - 8 Power - 100 Frequency - 100</p>
	<p><b>Deeper Engrave</b> Speed - 80 Power - 65</p>	<p><b>1/4 inch thick</b> Speed - 2 Power - 100 Frequency - 100 (May need multiple passes)</p>
Anodized Aluminum/ Steel Tumblers	<p>Speed - 25 Power - 100</p>	Engrave Only
Cardstock	<p>Speed - 75 Power - 25</p>	<p>Speed - 50 Power - 30 Frequency - 50</p>

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Material	Engrave Settings	Vector Cut Settings
Cork	Speed - 60 Power - 20	Engrave Only
Canvas(Fabric)	Speed - 80 Power - 20	Speed - 15 Power - 75 Frequency - 50
Cardboard	Speed - 50 Power - 25	Speed - 15 Power - 100 Frequency - 100
Denim Non-elastic only	Speed - 90 Power - 25	Speed - 15 Power - 75 Frequency - 50
Fabric 100% Cotton Only	Vector Cut Only	Speed - 50 Power - 50 Frequency - 25
Felt	Vector Cut Only	Speed - 35 Power - 50 Frequency - 50
Genuine Leather	Speed - 60 Power - 25	Engrave Only

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Material	Engrave Settings	Vector Cut Settings
Genuine Suede	Speed - 75 Power - 50	Engrave Only
Glass	Speed - 30 Power - 100 DPI - 300 Dithering - Jarvis	Engrave Only
No-Odor Rubber	Speed - 8 Power - 100 DPI - 600	Speed - 5 Power - 100 Frequency - 100
Stone	Speed - 50 Power - 50 DPI - 300	Engrave Only
Slate	Speed - 60 Power - 30	Engrave Only
Wood	Speed - 50 Power - 90	<b>1/8<sup>th</sup> inch thick</b> Speed - 15 Power - 100 Frequency - 50
		<b>1/4inch thick</b> Speed - 5 Power - 100 Frequency - 50