



# MONUMask™

## Made-To-Order Masks in three EASY Steps.

1. Generate artwork then send it to us or we'll produce it for you.
2. We'll send you the imaged MonuMask stencil.
3. Apply MonuMask to the substrate and blast.

MonuMask allows architectural and monument decorators to bid on jobs that have been previously unattractive due to the high cost of labor intensive film weeding or picking, and the general impracticality of producing high-detailed imagery.

MonuMask provides professionally imaged photo-stencils to architectural and monument decorators seeking quick turn-around, easy-to-use stencil production. MonuMask accommodates fine-line, high-detail artwork or deep-carved imagery with the time-saving advantage of **no weeding or picking**.

### MONUMASK STENCIL PRICING:

#### PRICING:

Square Inches	High Resolution (5 mil)	*Deep Etch (10 mil)
1000 - 3,499	\$.12/square inch	\$.10/square inch
3,500 - 9,999	\$.11/square inch	\$.09/square inch
10,000 - 24,999	\$.10/square inch	\$.08/square inch
25,000+	Call	Call

#### SPECIFICATIONS:

Minimum Line	.012" (.864 pt)	.022" (1.58 pt)
Required Blasting Pressure	20 - 40 psi (1-3 bar)	80 - 100 psi (5-7 bar)
Required Abrasive Size	150 - 220 grit	60 - 120 grit
Blast Depth	Frost to ¼"	¼" +

*NOTE: Information based on pressure pot Sandcarver System. Call for turnaround time.*

#### ARTWORK PRICING:

- \$.04 per sq. inch
- 1/2 hour setup - \$30.00
- Additional art services are billed at \$60 per hour

**Returns:** Any returns or claims for incorrect product must be made within 10 days of shipment. No returns or claims are accepted after 10 days.

\*Patent pending

\*\*Excludes halftones. Call for a quote



- No weeding or picking
- No glue
- Fine-line, high resolution
- Deep carve
- Large format up to 52" x 64"

**IKONICS IMAGING™**  
INDUSTRIAL SOLUTIONS. PHOTOBRAISIVE SYSTEMS. SIGN SYSTEMS.

IKONICS Imaging, 4832 Grand Ave., Duluth, MN 55807, USA  
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## ARTWORK SPECIFICATIONS

There are five key elements to consider in producing artwork designed for sandcarving. Attention to these elements is your greatest assurance of consistency, reliability, and quality.

### Line Width:

The blast depth is limited to the width of the line. The minimum line width for blasting is **.012" (.305 mm) on 5 mil** and **.022" (.558 mm) on 10 mil**. All lines must match or exceed the minimum line width. (See Figure A)

### Text:

Check letters that have been typed, such as a, e, and g. Make sure that the centers of these letters are not filled in and are large enough for the mask area to hold. For **5 mil** product set type at a size of 9 pt or higher. For **10 mil** product set type at a size of 20 pt or higher. (See Figure B)

### Density:

Ink density is very important on your artwork. Light should not be able to pass through the black areas.

### Halftone Dot Size (Only available on high resolution products):

When working with halftone film positives, the dot size should be set to 35 lines per inch. Should larger dot sizes be necessary, due to an extremely large image viewed at a far distance, please call us for further information. (See Figure C)

### Image Orientation:

**5 mil:** For a **front blast**, output the image with the emulsion set to *Up (Right Reading)*. For a **back blast**, output the image with the emulsion set to *Down (Right Reading)*.

**10 mil:** For a **front blast**, output the image with the emulsion set to *Down (Right Reading)*. For a **back blast**, output the image with the emulsion set to *Up (Right Reading)*.

### Digital File Submission Procedures:

A \$30 setup fee will be charged to all projects submitted electronically.

Files should be saved in vector EPS format with the proper extension (.eps). All fonts should be changed to curves. Artwork submitted in a different format will require art time in addition to the setup fee.

Files under 2mb can be e-mailed to sandcarver@photobrasive.com. Files over 2mb should be burned to a CD and mailed to IKONICS Imaging.

Special output requirements are required on halftone images and images requiring precise registration. Please call for more information.













POINT	MM	INCH		
1.65	.583	.023		10 mil minimum
<b>1.58</b>	<b>.558</b>	<b>.022</b>		
1.51	.533	.021		
1.44	.508	.020		
1.37	.483	.019		
1.30	.458	.018		5 mil minimum
1.23	.432	.017		
1.15	.407	.016		
1.08	.381	.015		
1.01	.356	.014		
.936	.330	.013		
<b>.864</b>	<b>.305</b>	<b>.012</b>		

Figure A



10 mil minimum		Arial 22 pt
		Arial 21 pt
		<b>Arial 20 pt</b>
		Arial 19 pt
		Arial 18 pt
		Arial 17 pt
		Arial 16 pt
		Arial 15 pt
		Arial 14 pt
		Arial 13 pt
5 mil minimum		Arial 12 pt
		Arial 11 pt
		Arial 10 pt
		Arial 9 pt
		Arial 8 pt

Figure B



Figure C

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