TECH TIP

HOW TO CREATE HALF-TONES ON ALUMAMARK

Background Info

Mode Setting

· 3D Mode

☐ Mirror

☐ Invert

DPI: 600

PPI: Auto

Black & White

Stamp Mode

Manual Color Fil

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В

There are three standard marks on AlumaMark - Black which is ideal, Charcoal (overmarked) and brown/red (undermarked). Half-Tones are created by lasing one of two ways, depending on the driver: 1. The laser fluctuates the power and undermarks the lighter colors to create the light brown or red marks on AlumaMark. or 2. The laser creates a stipple pattern by lasing black dots in a series to give the appearance of halftones - similar to black and white newspaper prints.



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3		100	Vector Scaling
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<u>.</u>	Density	> 100	Y-Axis: 1.0000 ± to 1.0000
1	Density	100 <u>▶</u> 100	Y-Axis: 1.0000 ↓ to 1.000

File Function

History File

Save

Load

Original

Save To Default

Delete

File Types

There are two types of files which can be lased - rastor images (jpeg, tiff, bmp...) or vector (eps, Corel...). Both can yield the same result, but vector images can be controlled/ modified easier for an ideal end result. Because greens, blues and reds can look similar in black and white, higher contrast images yield a better final product.

How to Setup Your Laser

Creating the half-tone is easy because the laser does all of the work. The laser setting to create these stunning half-tones typically is in the advanced menu, and is activated by clicking on the "3D" or "Error Diffusion" buttons. AlumaMark does not yield a perfectly even gradation, some color changing in the file may be needed if the final result is not ideal.

 Ratter Type
 Color Setting:
 Add
 Map List:

 Color Setting:
 Modify
 Speed
 Power

 Othering
 Speed
 Solx
 Delete

 Othering
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 Advanced Options
 Stamp Settings
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 Language
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