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Dual Cure or Diazo Emulsion - ask about emulsions for water based inks

137 – 156 screen mesh - this range is good for accurate recreations of photographs and highly detailed imagery.

Creating halftones for photographic imagery in photoshop is best done through the bitmap tool found in the mode menu under the image drop down menu at the top of the screen.(image -> mode-> bitmap)

Play with the different line options (round, diamond, ellipse, line, square, cross) to see what suits you best.

Frequency for your halftone is determined by your screen mesh. **KNOW YOUR SCREEN MESH!**

This will insure the best results. Your frequency is your screen mesh divided by 4 to give you greatest detail possible without creating elements too small that wont stay in the emulsion.

An Example: 156 screen mesh divided by 4 is a frequency of 39 lines per inch.

When creating single color imagery an angle of 45 degrees works great.

Images should be backwards on the screen since your flipping it over when applying it.

60 durometer squeegee (stiff squeegee)

CSUH Porcelain Body (my slip)

Silica-20

Minspar-30

Ball Clay-20

EPK-30

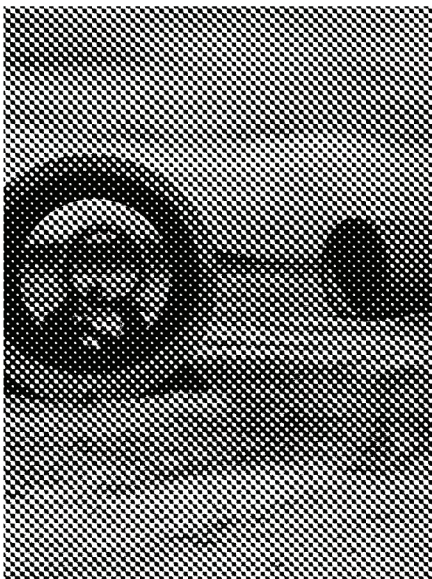
Mason Stain-12-15

(be sure to test what colors fire to what temperatures, some stains change even at the low end)

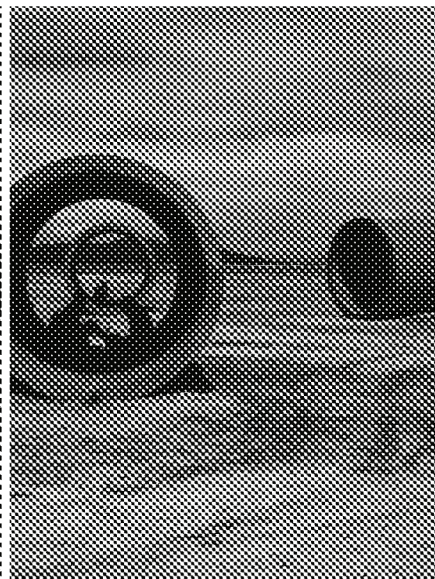
Newsprint- enough tooth to hold slip, flexible enough to wrap around curves, cheap!

After applying backing slip to the image wait for the slip to dim before applying it to the pot- too wet and it will smear, too dry and it won't transfer completely. A Light spritz from a spray bottle can help activate a stubborn image, both on the pot before application and on the back of the newsprint to loosen the slip.

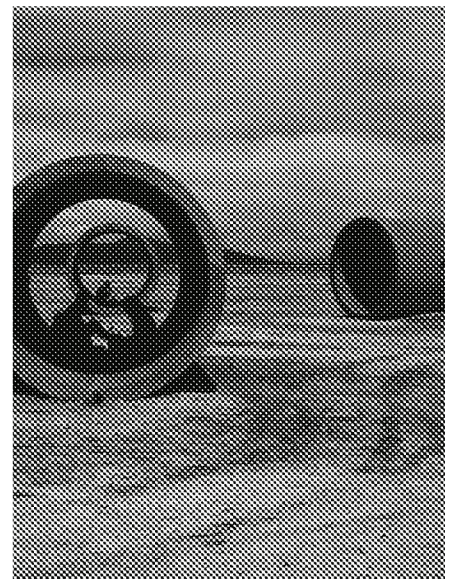
(Remember temporary tattoos as a kid)



27.5 frequency



39 frequency



48.75 frequency