

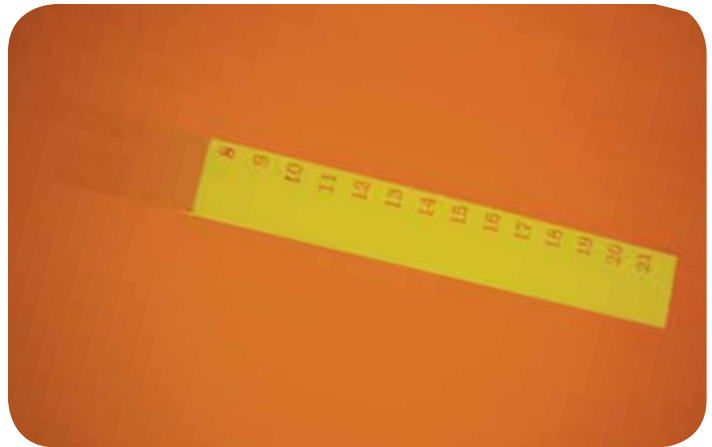
SAATI 21 STEP CALCULATOR

This is the exposure guide of choice for accuracy, ease of use and all-purpose application. With the SAATI guide, there is no guesswork or complicated interpretation. It is a more precise tool than the gelatin/density type exposure calculators, and unlike competitive products, it can be used on all stencil types and all mesh counts (Other exposure guides are not compatible with pure photopolymer stencils, and do not perform as well on coarse mesh).

Our 21-step guide is also much smaller (1/2" x 5 1/4"), that it can be used on all production screens. The SAATI Sensitivity Guide is a film containing a transmission type density scale with 21 steps ranging from transparent to opaque. (1 = zero density. 21 = solid black.)

DIRECTIONS

Place the SAATI 21-Step Sensitivity Guide on the screen. Optimize your exposure so that when washing out the image, you are left with 7 solid steps (like header image).

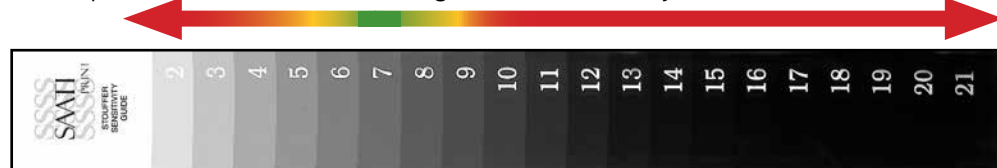


| To increase the number of steps by... | Multiply the next exposure by... |
|---------------------------------------|----------------------------------|
| 1 step | 1.4 |
| 2 steps | 2.0 |
| 3 steps | 2.8 |
| 4 steps | 4.0 |

| To decrease the number of steps by... | Divide the next exposure by... |
|---------------------------------------|--------------------------------|
| 1 step | 0.7 |
| 2 steps | 0.5 |
| 3 steps | .33 |
| 4 steps | .25 |

1-6 steps = underexposure, premature stencil failure, pinholes

8-21 steps = overexposure, loss of details, faded edges, washout difficulty



7 Steps remaining on stencil after washout = perfect exposure