

# Expose w YUDU to Make a Screen Stencil

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1.) Print on the textured side of a transparency.

\*Paint marker in kit great 4 SIMPLE shapes/outlines.

\*INK JET printer recommended for letters/words.

\*Fonts 20 & larger work best.

\*Images should be:

.pdf in black ONLY – no shades of grey

\*Print in CENTER of transparency & keep a WIDE border around your design.

**\*DARK & well defined images give the best results. Dark images will always develop (i.e. wash out) the fastest & will make screen stencils w the cleanest, crispest details.**

\*Set printer to HIGHEST quality print.

\*A new ink jet cartridge is recommended if ink is low.

\*Peel & discard white sensor strip sticker from transparency.

2.) In a darkened room, w the YUDU machine still OFF, place the printed transparency on the glass of your YUDU, textured side UP (i.e. so you can read the words correctly).

3.) Still in a darkened room, slip one piece of Emulsion on Mesh 'film' out of black baggie, **flip it over**, and place the film on top of your printed transparency. The dark orange side of film should be AGAINST the printed side of the transparency. Make sure they lay straight & directly on top of each other. Repeat until each transparency has a piece of orange film on it. Add The Yudu machine's foam board carefully so as not to disturb or move the film, etc. Close the YUDU lid & weight it. Reseal the film's black baggie.

\*TIP – 'Film' is always packaged with the dark orange side facing up in the package so after you slip one piece out, **simply flip your film over** before placing it on top of your printed transparency. (see picture).

4.) Plug in & turn on the machine. Set for 4 minutes and push the SUN button. Expose 3.5 - 4 minutes (4 min is usually best. If your stencil does not wash out completely, experiment by turning the light off earlier between 3.5 to 4 min.)

\*TIP...during exposure, fill black developing box or sink with at least an inch of **ROOM TEMPERATURE** tap water.

\*WARNING...never use ANY electrical appliance near water.

Keep YUDU away from water in box and/or sink.



5.) When YUDU light turns off & keeping the room dark, remove the orange film only & immediately place it in the tap water. Keep transparency dry. Close the lid of the box. Larger FULL page size film can be gently folded over to soak in the box but do not crease the film. Multiple pieces can soak together as long as all are under water. If using a sink, place black, plastic exposure board over floating film. You will need to 'babysit' film to make sure it stays covered by the black board. Soak 5 – 10 min.

While soaking and with **DRY** hands, screw yellow "**safe light**" bulb into a lamp or overhead light fixture. Turn on "**safe light**" so you can see in the darkened room. "**Safe light**" will allow you to see but will not overexpose or harm your film in any way.

6.) To **DEVELOP** your screen stencil, still in a darkened room but with yellow "**safe light**" on, open the black box (easiest to open from behind). Put the film on the open, SLOPED lid of the black box OR on the black, plastic exposure board base held at an angle in the sink. Using the WET, black, wash out sponge, **gently brush BOTH SIDES** of the film—about 30 sec. **DO NOT SCRUB HARD!** The design areas will begin to "open up." You can also spray the film w a gentle stream of water to help develop. Hold the film up to yellow "**safe light**" to ensure all of the design areas are indeed open (i.e. you can see through the design areas). Continue brushing gently if necessary. You have now made a screen stencil!

7.) To **DRY** screen stencil – all lights can go on now. Gently pat dry with paper towels taking away as much moisture as possible. Make sure to dry **FLAT** with dark orange side facing up & to **REPOSITION** screen every few min so it does not dry to your paper towel, tablecloth or surface.

8.) To speed up drying, TAPE or HOLD DOWN the edges of your screen & use a hair drier on LOW COOL to dry quickly. (Heat will shrink your screen.) Screen will first get sticky and finally feel like paper when it is completely dry.

\*TIP – If screen sticks to itself, DO NOT PULL APART without trying to soak it again first for 5 – 10 min! Water should help to coax & finally separate the screen.

9.) Use the black paint marker on the dark orange back side to permanently block out any small pinholes.

Use red tape on the dark orange side to temporarily block out any parts of the design you don't want to print or for larger holes.

\*TIP...To create multi-color prints, block out a portion of the design w red tape, print w/first color, rinse & dry, then block out the opposite portion of the design w red tape & print w/another color!

