

JIL Ink Studios JIL-43

Data Sheet

1. Storage Of JIL Ink Studios JIL-43

- Unprocessed plate: to ensure a longer shelf life, store the unprocessed plate in a dark room with a temperature below 25° C (77° F) and a humidity below 65%.
- Processed plate: when the plate is kept after printing for future use, you are advised to store it in a sealed polyethylene bag or in a dark room with a humidity of 50-70%.

2. Exposure

- **It is important to determine the correct exposure time using a 21 step grey scale. With a Stouffer 21 step gauge, you'll want a 14-15. (a dark transparency)**
- Note that fine lines or fine dots need a longer exposure time.
- A shorter exposure time gives deeper reverses and sharper half tones.
- Select the correct exposure time using the grey scale according to a negative film.
Sun exposure time is approximately 1 minute and 15 seconds and 1 minute and 30 seconds with your screen (aqua tint).

3. Wash-out

- Water temperature: 15-25° C (59-77° F)
- Washout time with a very soft brush: 1-2 min. JIL Ink Studios JIL-43 plates have excellent water solubility and too long a wash-out can reduce image quality.
- Dehydration: it is strongly recommended to dehydrate a processed plate by using a sponge roller immediately after wash-out.

4. Drying

- 5-10 min. at 50-60° C (122-140° F)

5. Post-exposure

- Post-exposure time should be the same or longer than main exposure time.