



TOYOBO Printtight Analog K Series

Base	Polymer type	Item code	Hardness (Shore D)	Plate thickness (mm)	Relief Depth (mm)
Steel	K	KM073GT	67	0.73	0.47

Image Reproduction

Screen Range	150lpi (3-95%) .
Minimum isolated dot	200 micron
Minimum fine line	40 micron

1. Storage of TOYOBO PRINTIGHT

(1) Unexposed Plate

To ensure a longer shelf life, store the unexposed plate in a dark room at temperature below 25°C(77°F) and humidity below 65%.

(2) Processed Plate

After printing, when the plate is kept for future use, store it in a sealed polyethylene bag and in a dark room at humidity of 50-70%.

2. Exposure

Required exposure energy 1100mJ/cm² 370sec in case standard lamps

Stouffer step 14-15

Note:

a. Fine lines or fine dots need a longer exposure time.

b. A shorter exposure time gives deeper reverses and sharper half tones.

3. Wash-out

Required wash-out time 180sec

(1) Water temperature : 20 - 25 Celsius degree (59 - 77°F)

(2) Wash-out time: Actual time could be different due to the type of washout unit.

(3) Dehydration

It is strongly recommended to dehydrate a washed-out plate by using sponge roller Immediately after wash-out.

4. Drying

Drying temperature 70°C(158°F)

Drying time (minutes) 10min

5. Post-exposure

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

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