



## TOYOBO Printight Analog P Series

Base	Polymer type	Item code	Hardness (Shore D)	Plate thickness (mm)	Relief Depth (mm)
Steel	P	PM43S	87	0.43	0.21

\*Image Reproduction\*

Screen Range	150lpi (3-95%) .
Minimum isolated dot	100 micron
Minimum fine line	30 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

#### 1) First exposure with a positive film

Required exposure energy      250mJ/cm<sup>2</sup>      60 sec when a chemical lamps are used

Stouffer step      8 - 9

#### 2) Second Exposure with a screen film (80-90% at 300LPI negative film)

Required exposure energy      500mJ/cm<sup>2</sup>      120 sec when a chemical lamps are used

Note:

Exposure time must be adjusted by the intensity of the lamps.

A longer exposure time with a screen film can reduce the ink transfer.

### 3. Wash-out

Required wash-out time      60 - 120 sec

(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      60°C(140°F)

Drying time ( minutes)      10 min

### 5. Post-exposure

Post-exposure times      5 - 10 min

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