



January 12, 2021

TOYOB Printight KM43GS

Base	Polymer type	Cover film type	Item code	Hardness (Shore D)	Plate thickness (mm)	Relief Depth (mm)
Steel base	K	Plain	KM43GS	67	0.43	0.21

Image Reproduction

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

TIPS

1. Storage of TOYOB 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. CTP imaging N/A

3. Exposure

Type	K
Hardness (Shore D)	67
Required exposure energy	600-1200mj/cm2

Note:

1. Fine lines or fine dots need a longer exposure time.
2. A shorter exposure time gives deeper reverses and sharper half tones.

3. Wash-out

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

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

Thickness of plate	0.43mm
Brush type (minutes)	1-2 min

(3) Dehydration

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

4. Drying

Drying temperature	60 - 70°C (140 - 158°F)
Drying time (minutes)	10

5. Post-exposure

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

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