

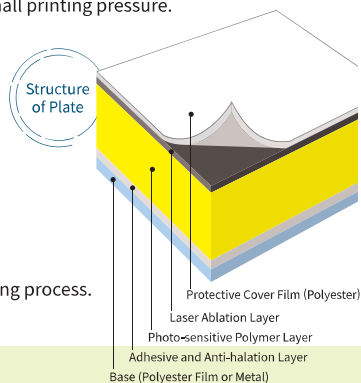
We have been leading a letterpress printing market as the pioneer of Water-washable photo-sensitive printing plate (Printight™).
Wide range of applications and characteristics of TOYOBO MC Printight™ are shown in this catalogue.
Please check each application and find out an appropriate plate you need.

Printight Characteristics

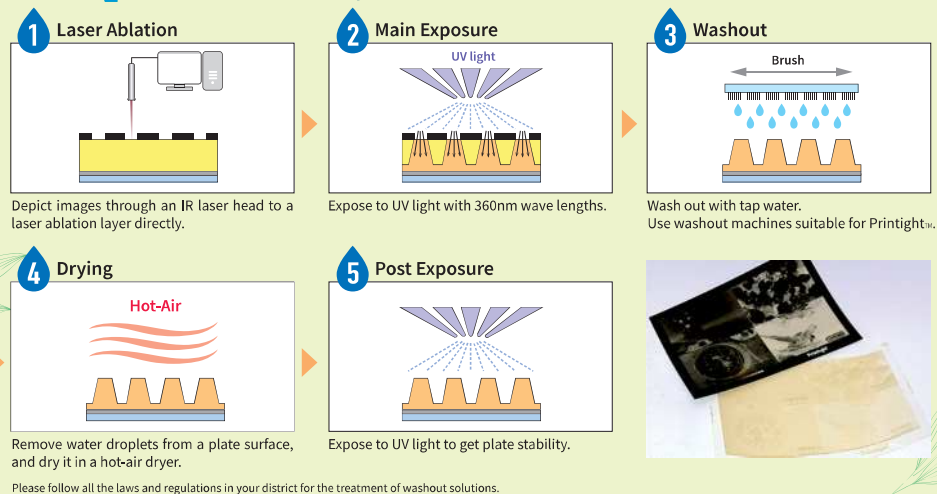
1. Washout with tap water at room temperature (no additives required).
2. Polyester film base with excellent dimensional stability makes the plate easy to mount. Metal base products are also available.
3. High plate thickness accuracy and therefore can be printed with small printing pressure.
4. Great ink transfer due to high affinity between a plate and ink.

Printight CTP Characteristics

1. Higher and clearer reproduction of screen dots and letters.
2. Reduction in total cost.
 - ◆ No negative films required.
 - ◆ Consistent plate quality with a simplified plate-making process.
3. Improvement in productivity.
 - Shorter plate-making time due to the simplification in a plate-making process.
 - A laser ablation layer can be removed with tap water.



Printight CTP Plate-making Process



Water-washable
Photo-sensitive Printing Plate

Printight™



TOYOBO MC Corporation

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Photo-Functional Materials Sales Section
Osaka Umeda Twin Towers South, 1-13-1 Umeda,
Kita-ku, Osaka 530-0001 Japan
T. +81-6-6348-3062 F. +81-6-6348-3099
<https://www.toyobo-mc.jp/en/products/#section12>



All products are produced with a quality control system as certified by "ISO 9001" for the world
2023.08.200 (MH-S2023-0052)

	Type	Hardness (Shore D)	Base Material	Description	Plate Thickness (mm/inch)	Relief Depth (mm)	Screen Reproducibility	Min. Fine Line (μm)	Min. Isolated Dot (μm)	Application												
										General Printing		Business Form			Label		Coating	Offset	Embossing	Pad	UV Flexo	
										Letters	Photos	Business Form	Back Carbon	Desensitized	Label (Flatbed)	Label (Rotary)	UV Varnish	Dry Offset	Crush Print			
CTP	K	67°	Film	QF95KC	0.95 / 0.037	0.68	175 lpi 1~95%	30	200													
				QM73KR	0.73 / 0.029	0.43	175 lpi 1~95%	25	150													
			Steel	QM83KR	0.83 / 0.033	0.53	175 lpi 1~95%	25	150													
				QM95KU	0.95 / 0.037	0.69	175 lpi 1~95%	20	150													
	R	55°	Film	QF80RC	0.80 / 0.031	0.53	200 lpi 1~95%	10	200													
				QF95RC	0.95 / 0.037	0.68	200 lpi 1~95%	10	200													
	J	55°	Film	QF80JB	0.80 / 0.031	0.59	200 lpi 1~95%	25	200													
				QF95JC	0.95 / 0.037	0.68	200 lpi 1~95%	25	200													
			Steel	QM73JL	0.73 / 0.029	0.54	200 lpi 1~95%	25	150													
				QM95JT	0.95 / 0.037	0.69	200 lpi 1~95%	25	200													
	S	40°	Film	QF70SA	0.70 / 0.028	0.55	150 lpi 1~95%	25	150													
				QF95SB	0.95 / 0.037	0.74	150 lpi 1~95%	30	200													
	Z	20°	Film	QF95ZA	0.95 / 0.037	0.80	150 lpi 1~95%*	10*	200*													
				QF114ZB	1.14 / 0.045	0.93	150 lpi 1~95%*	10*	200*													
			QF170ZB	1.70 / 0.067	1.49	150 lpi 1~95%*	10*	200*														
Analog	P	87°	Steel	PM43S	0.43 / 0.017	0.21	150 lpi 3~95%	30	100													
				PM73R	0.73 / 0.029	0.43	150 lpi 3~95%	40	200													
	K	67°	Film	KF43GA	0.43 / 0.017	0.28	150 lpi 3~95%	30	100													
				KF95GC	0.95 / 0.037	0.68	150 lpi 3~95%	40	200													
				KF95MC	0.95 / 0.037	0.68	175 lpi 1~95%	40	200													
				KF152GD	1.52 / 0.060	1.15	150 lpi 3~95%	50	400													
			Steel	KM43GS	0.43 / 0.017	0.21	150 lpi 3~95%	30	100													
				KM73GR	0.73 / 0.029	0.43	150 lpi 3~95%	40	200													
				KM73MR	0.73 / 0.029	0.43	175 lpi 1~95%	40	200													
				KM83GR	0.83 / 0.033	0.53	150 lpi 3~95%	40	200													
				KM83MR	0.83 / 0.033	0.53	175 lpi 1~95%	40	200													
				KM95GR	0.95 / 0.037	0.65	150 lpi 3~95%	40	200													
		KM95MR	0.95 / 0.037	0.65	175 lpi 1~95%	40	200															
		KM152GR	1.52 / 0.060	1.22	150 lpi 3~95%	50	400															
	R	55°	Film	RF80MB	0.80 / 0.031	0.59	175 lpi 1~95%	30	200													
				RF95MC	0.95 / 0.037	0.68	175 lpi 1~95%	30	200													
	J	55°	Film	JF95C	0.95 / 0.037	0.68	175 lpi 1~95%	40	200													
	E	55°	Film	EF95GC	0.95 / 0.037	0.68	150 lpi 3~95%	40	200													
				EF95MC	0.95 / 0.037	0.68	175 lpi 1~95%	40	200													
	S	40°	Film	SF70GA	0.70 / 0.028	0.55	150 lpi 3~95%	40	200													
			SF95GB	0.95 / 0.037	0.74	150 lpi 3~95%	40	200														
Z	20°	Film	ZF95GB	0.95 / 0.037	0.74	150 lpi 3~95%	30	200														
			ZF114GB	1.14 / 0.045	0.93	150 lpi 3~95%	80	200														
			ZF170GB	1.70 / 0.067	1.49	150 lpi 3~95%	80	300														
			ZF200GB	2.00 / 0.079	1.79	150 lpi 3~95%	100	400														

※All figures are representative values.
*Measured with back exposure.