

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.

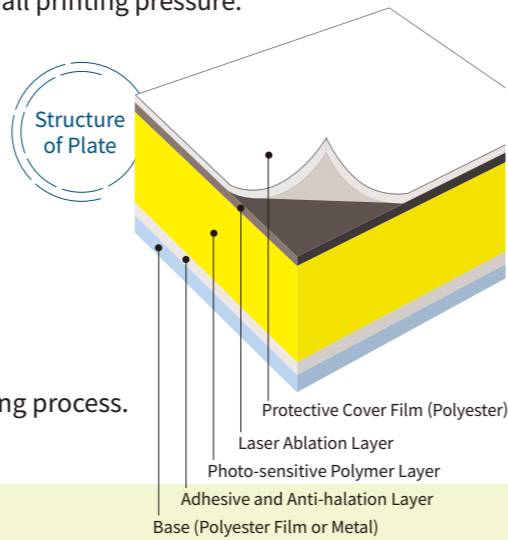
Please check each application and find out an appropriate plate you need.

Printight™ Characteristics

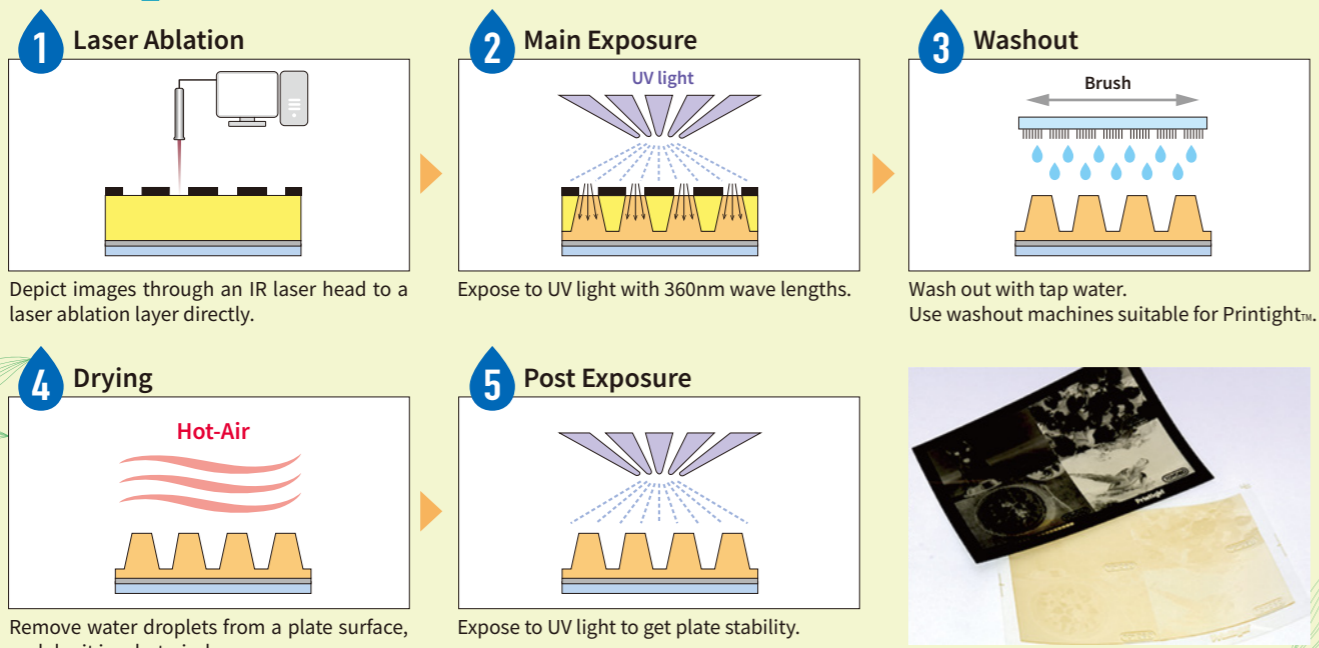
1. Washout with tap water at room temperature (no additives required).
2. Polyester film base with excellent dimensional stability makes the plate easy to mount.
Metal base products are also available.
3. High plate thickness accuracy and therefore can be printed with small printing pressure.
4. Great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



Please follow all the laws and regulations in your district for the treatment of washout solutions.



Water-washable
Photo-sensitive Printing Plate

Printight™



TOYOBO MC Corporation

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Photo-Functional Materials Sales Section

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All products are produced with a quality control system as certified by "ISO 9001" for the world
2024.02.700 (MHS2023-0123)

	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																
			Steel	QM73KR	0.73 / 0.029	0.43	175 lpi 1 ~ 95%	25	150																
				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																
	B	25°	Film	QF95SB	0.95 / 0.037	0.74	150 lpi 1 ~ 95%	30	200																
				QF95BB	0.95 / 0.037	0.74	150 lpi 2 ~ 95%	10	200																
				QF114BB	1.14 / 0.045	0.93	150 lpi 2 ~ 95%	10	200																
Z	20°	Film	QF170BB	1.70 / 0.067	1.49	150 lpi 2 ~ 95%	10	200																	
			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*																	
Z	20°	Film	QF170ZB	1.70 / 0.067	1.49	150 lpi 1 ~ 95%*	10*	200*																	
			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																	
Analog	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																
	K	67°	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																
	R	55°	Film	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																
				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																	
B	25°	Film	BF95GB	0.95 / 0.037	0.74	150 lpi 3 ~ 95%	40	200																	
			BF170GB	1.70 / 0.067	1.49	150 lpi 3 ~ 95%	100	400																	
			BF200GB	2.00 / 0.079	1.78	150 lpi 3 ~ 95%	100	400																	
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.