

We have been leading a letterpress printing market as the pioneer of water-wash photo-sensitive printing plate (Printight™).

Wide range of applications and characteristics of TOYOBO Printight™ are shown in this catalogue.

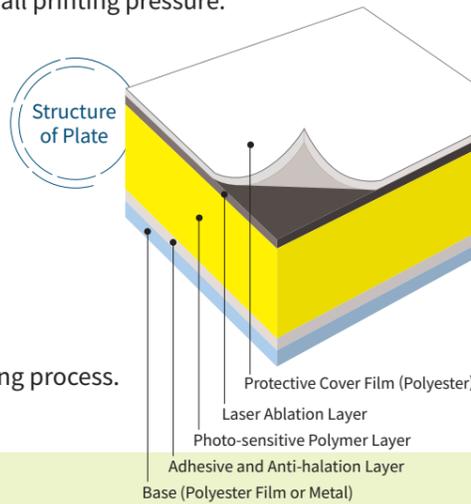
Please check each application and find out an appropriate plate you need.

Printight™ Characteristics

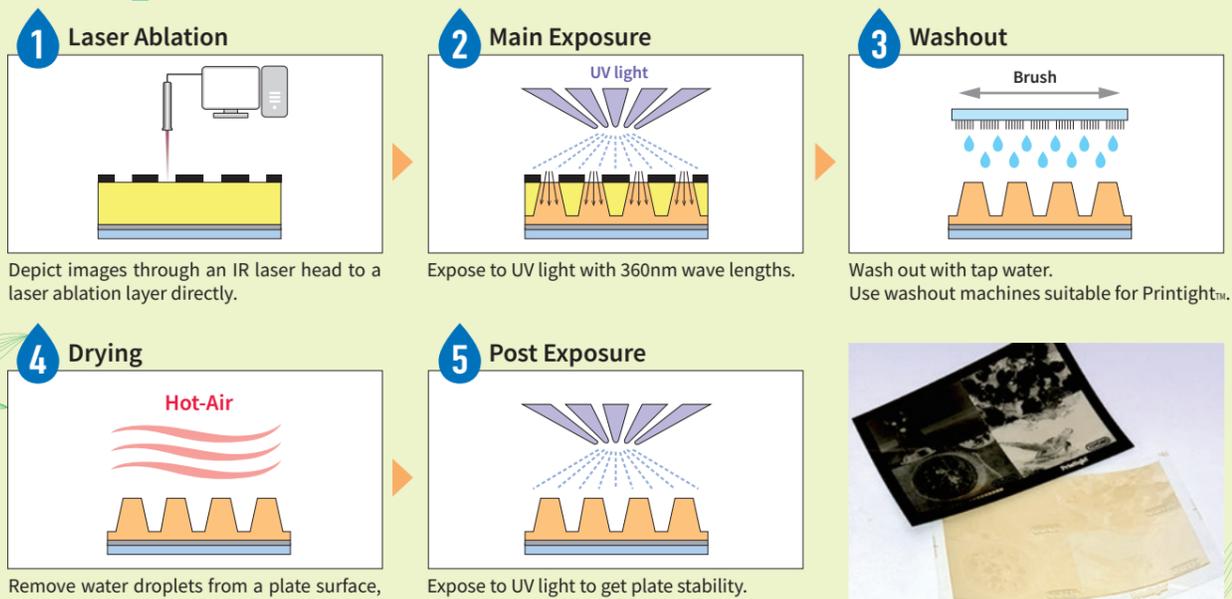
1. Washout with tap water at room temperature (no additives required).
2. Polyester film base with excellent dimensional stability makes the plate easy to mount. Metal base products are also available.
3. High plate thickness accuracy and therefore can be printed with small printing pressure.
4. Great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

Printight™ CTP Characteristics

1. Higher and clearer reproduction of screen dots and letters.
 - ◆ 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™



	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														
			Film	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														
			Steel	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														
	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														
				EF95GC	0.95 / 0.037	0.68	150 lpi 3 ~ 95%	40	200														
	E	55°	Film	EF95MC	0.95 / 0.037	0.68	175 lpi 1 ~ 95%	40	200														
				SF70GA	0.70 / 0.028	0.55	150 lpi 3 ~ 95%	40	200														
	S	40°	Film	SF95GB	0.95 / 0.037	0.74	150 lpi 3 ~ 95%	40	200														
				ZF95GB	0.95 / 0.037	0.74	150 lpi 3 ~ 95%	30	200														
	Z	20°	Film	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.