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GLOBAL LEADING LETTERPRESS

Incomparable Quality

Wide Variety

High Performance

Environmentally Friendly

Typical Applications

Seals and Labels

- ✓ High-precision image reproduction enables fine text and halftone dots, and enhances design preference
- ✓ An extensive product lineup to meet diverse needs, including quality-oriented types, print durability-oriented types, and dual-use types
- ✓ Reproduces offset-like smooth gradation
- ✓ Good ink transfer eliminates need for excessive printing pressure, reducing dot gain effects characteristic of letterpress printing

Business Forms

- ✓ High-definition image reproduction makes it possible to reproduce fine characters and ruled lines
- ✓ Good ink transfer even on business form paper
- ✓ High durability that retains print quality even in long-run printing

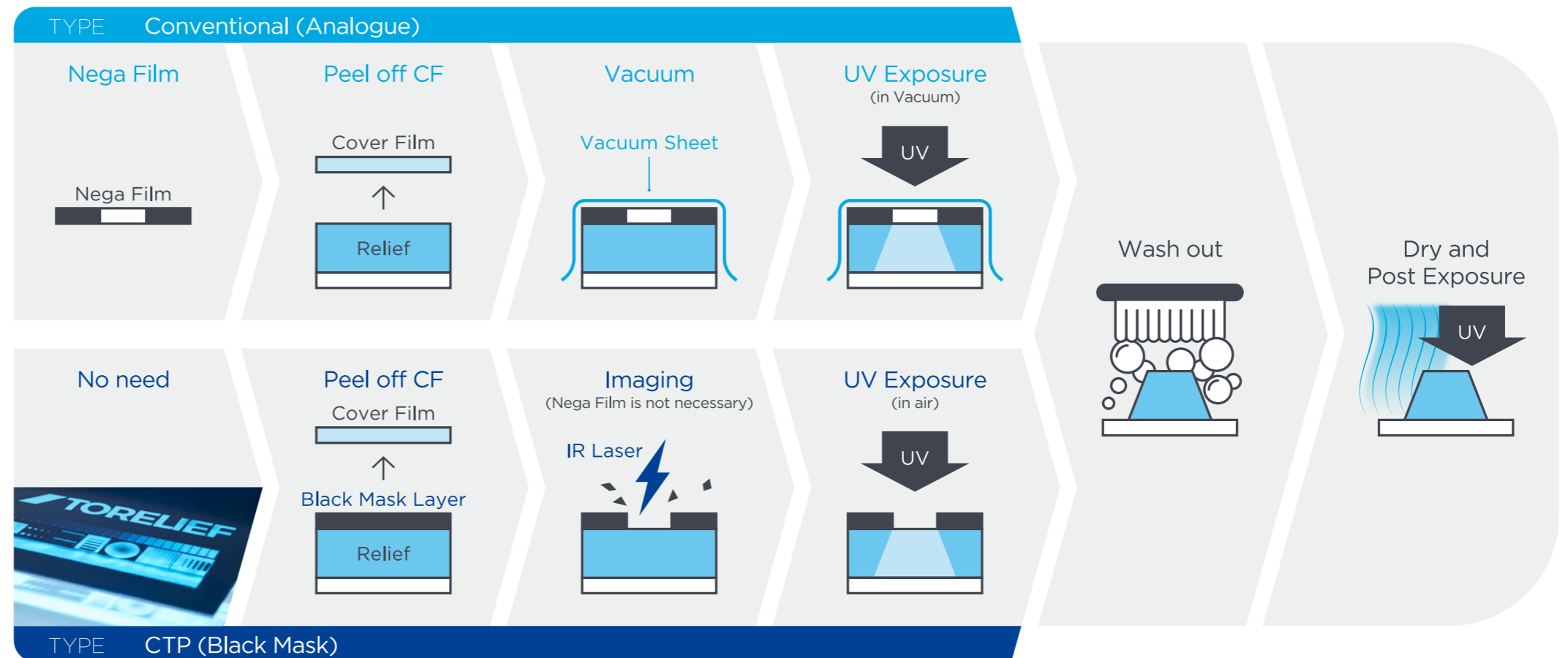
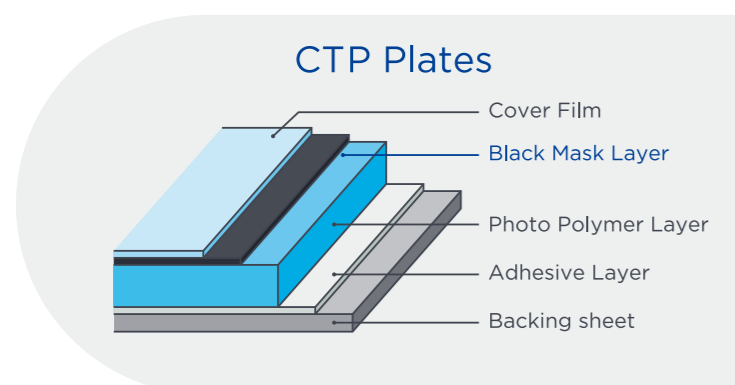
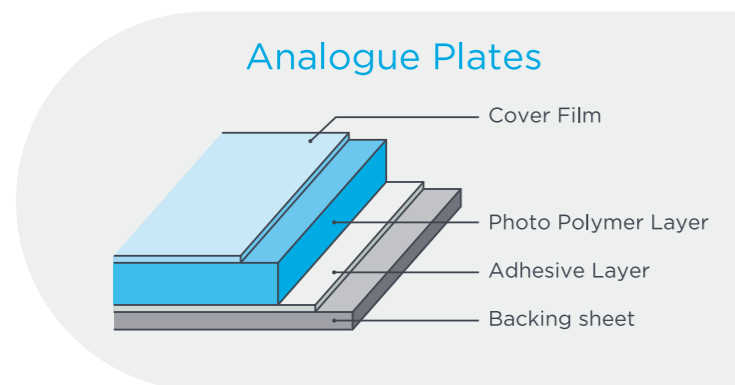
Beverage Cans Plastic Containers

- ✓ High-definition image reproduction makes it possible to reproduce fine characters and halftone dots, revolutionizing beverage can design concepts
- ✓ High durability reduces plate replacement (print stop frequency), contributing to improved operational efficiency
- ✓ Extensive lineup of products compatible with analog plate-making, CTP plate-making, and DLE plate-making

Pad Printing

- ✓ High-definition image reproduction makes it possible to reproduce fine characters and ruled lines
- ✓ Simple plate-making is possible, enabling use in various types of curved-surface printing
- ✓ The ink volume can be adjusted by adjusting the cell depth

Plate Making Process



TORELIEF Main Plate Types

Typical Applications	Analogue/Digital	Base Material	Total Thickness (mm)	Total Thickness (inch)	Type	Shore D	Polymer type	Relief Thickness (mm)	Relief Thickness (inch)	Half Tone	Minimum isolated dot	Narrowest Line	
Seal & Label	Analogue	Polyester film	0.50	0.020	W50 2	55	W	0.35	0.014	175 L (3~95%)	200 μm	40 μm	
			0.80	0.031	WF80DY3	55	Y	0.50	0.020	200 L (1~95%)	120 μm	40 μm	
					WF80DK2	55	K	0.50	0.020	175 L (1~98%)	100 μm	20 μm	
			0.95	0.037	WF95DY3	55	Y	0.65	0.026	200 L (1~95%)	120 μm	40 μm	
					WF95DK2	55	K	0.65	0.026	175 L (1~98%)	100 μm	20 μm	
					WF95D2	55	W	0.65	0.026	175 L (3~95%)	200 μm	40 μm	
					WF95DH2	65	W	0.65	0.026	175 L (2~95%)	150 μm	40 μm	
	0.95		0.037	WF95CH2	70	W	0.55	0.022	175 L (2~95%)	150 μm	40 μm		
				0.80	0.031	DWF80NM	55	Y	0.50	0.020	200 L (1~98%)	100 μm	20 μm
						DWF80DK2	55	K	0.50	0.020	200 L (1~98%)	100 μm	20 μm
	0.95		0.037	DWF95NM	55	Y	0.65	0.026	200 L (1~98%)	100 μm	20 μm		
				DWF95DK2	55	K	0.65	0.026	200 L (1~98%)	100 μm	20 μm		
	0.95		0.037	DWF95D3	55	W	0.65	0.026	175 L (2~98%)	200 μm	40 μm		
				Analogue	Polyester film	0.70	0.028	WF70BS2N	30	W	0.55	0.022	150 L (5~95%)
0.95	0.037	WF95SS3	22			W	0.73	0.029	150 L (5~95%)	200 μm	50 μm		
		WF95BS2N	30			W	0.73	0.029	150 L (5~95%)	200 μm	50 μm		
		WF95B2	40			W	0.73	0.029	150 L (5~95%)	200 μm	50 μm		
1.14	0.045	WF114SS3	22	W	0.92	0.037	150 L (3~97%)	150 μm	40 μm				
Digital	Polyester film	1.00	0.039	WS100SS3	22	W	0.80	0.031	150 L (5~95%)	200 μm	50 μm		
		0.95	0.037	DWF95BS4	30	W	0.73	0.029	150 L (2~98%)	200 μm	40 μm		
DWF95B2	40			W	0.73	0.029	150 L (2~98%)	200 μm	40 μm				
Metal Décor (Beverage cans) & Plastic Container	Analogue	Steel	0.73	0.029	WS73HY3	65	Y	0.46	0.018	175 L (1~98%)	120 μm	40 μm	
					WS73FHY3	65	Y	0.56	0.022	175 L (1~98%)	100 μm	40 μm	
					WS73HK	65	K	0.46	0.018	175 L (1~98%)	100 μm	20 μm	
			0.83	0.033	WS83HY3	65	Y	0.56	0.022	175 L (1~98%)	120 μm	40 μm	
					WS83HK	65	K	0.56	0.022	175 L (1~98%)	100 μm	20 μm	
					WS83HK2	65	K	0.56	0.022	175 L (1~98%)	100 μm	20 μm	
	0.95		0.037	WS95HY3	65	Y	0.68	0.027	175 L (1~98%)	120 μm	40 μm		
				WS95HK2	65	K	0.68	0.027	175 L (1~98%)	100 μm	20 μm		
	Digital		Steel	0.73	0.029	DWS73NM	65	Y	0.46	0.018	200 L (1~98%)	100 μm	20 μm
						DWS73FNM	65	Y	0.56	0.022	200 L (1~98%)	100 μm	20 μm
						DWS73HK2	65	K	0.46	0.018	200 L (1~98%)	100 μm	20 μm
				0.83	0.033	DWS83NM	65	Y	0.56	0.022	200 L (1~98%)	100 μm	20 μm
						DWS83HK2	65	K	0.56	0.022	200 L (1~98%)	100 μm	20 μm
				0.95	0.037	DWS95NM	65	Y	0.68	0.027	200 L (1~98%)	100 μm	20 μm
DWS95HK2		65				K	0.68	0.027	200 L (1~98%)	100 μm	20 μm		
Analogue		Steel				0.43	0.017	WS43H2	65	W	0.21	0.008	175 L (1~95%)
	0.58		0.023	WS58H2	65	W	0.31	0.012	175 L (1~95%)	150 μm	40 μm		
	0.73		0.029	WS73H2	65	W	0.46	0.018	175 L (1~95%)	150 μm	40 μm		
	0.52		0.020	PU52LR	75	PU	0.20	0.008	350 L (5~95%)*	-	-		

* Screen film for cell depth adjustment

Remarks;

- ① Please consult with your local distributor or with us for the best suitable plate type(s) for your application.
- ② Other special types may be available upon request.
- ③ The above figure of relief reproduction were measured in our laboratory. They may differ from your measurements. Your local distributor will assist you in order to realize the best plate-makings on your site.

Notice

- Unopened boxes should be stored in cool, dark place.
- Processed plates should be stored in a sealed plastic bag in a cool, dark place with humidity 50-70%. Please wrap the relief surface "outside" with clean protective cover film.