

# Wide Variety of Plate Types

TORELIEF has a variety of plate types which enables you to choose a plate type best suited for your application. TORELIEF has two major types classified by different polymer characteristics.

## ● Y Type(Water Washable Plates, both spray & brush washable)

Its high resolution capability achieves very fine screen jobs and extra long life in printing.

## ● W Type(Water Washable Plates-brush washable)

Its unique polymer, water softened and brush washed, offers extremely wide plate making latitude for optimum reproduction.

Its light reactive color change during exposure, provides easy inspection of relief content before processing.

# TORELIEF Main Plate Types (W)

TYPE	Base material	Thickness				Hardness Shore D	Relief Reproduction			Typical Application
		Total		Relief			Half Tone	Minimum isolated dot	Narrowest Line	
		mm	in	mm	in					
<b>WF95CHII</b>	Polyester film	0.95	.037	0.55	.022	70°	175L(1~95%)	150μm	40μm	Crush Printing
<b>WF95DHII</b>		0.95	.037	0.65	.026	65°	175L(1~95%)	150μm	40μm	Label Printing
<b>WF50II</b>		0.50	.020	0.35	.014	55°	175L(3~95%)	200μm	40μm	Label Printing
<b>WF80II</b>		0.80	.031	0.55	.022					
<b>WF95DII</b>		0.95	.037	0.65	.026					
<b>WF95BII</b>		0.95	.037	0.73	.029	40°	150L(5~95%)	200μm	50μm	Label Printing & Business Forms
<b>WF95BSIN</b>		0.95	.037	0.73	.029	30°	150L(5~95%)	200μm	50μm	Business Forms
<b>WF95SS3</b>		0.95	.037	0.73	.029	22°	150L(5~95%)	200μm	50μm	Business Forms & Varnishing
<b>WF170U</b>		1.70	.067	1.48	.058	20°	150L(5~95%)	200μm	50μm	Spot carbon, Varnishing & Packaging
<b>WF200U</b>		2.00	.079	1.78	.070					
<b>WS43HII</b>	Steel	0.43	.017	0.21	.008	65°	175L(1~95%)	150μm	40μm	Dry offset
<b>WS73HII</b>		0.73	.029	0.46	.018			200μm	40μm	
<b>WS83HII</b>		0.83	.033	0.56	.022			200μm	40μm	
<b>WS95HII</b>		0.95	.037	0.68	.027			200μm	40μm	
<b>WS100SS3</b>		1.00	.039	0.80	.031			22°	150L(5~95%)	200μm

Remarks:

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

# Wide Variety of Plate Types

TORELIEF has a variety of plate types which enables you to choose a plate type best suited for your application. TORELIEF has two major types classified by different polymer characteristics.

## ● Y Type(Water Washable Plates, both spray & brush washable)

Its high resolution capability achieves very fine screen jobs and extra long life in printing.

## ● W Type(Water Washable Plates-brush washable)

Its unique polymer, water softened and brush washed, offers extremely wide plate making latitude for optimum reproduction.

Its light reactive color change during exposure, provides easy inspection of relief content before processing.

# TORELIEF Main Plate Types (W)

TYPE	Base material	Thickness				Hardness Shore D	Relief Reproduction			Typical Application
		Total		Relief			Half Tone	Minimum isolated dot	Narrowest Line	
		mm	in	mm	in					
<b>WF95CHII</b>	Polyester film	0.95	.037	0.55	.022	70°	175L(1~95%)	150μm	40μm	Crush Printing
<b>WF95DHII</b>		0.95	.037	0.65	.026	65°	175L(1~95%)	150μm	40μm	Label Printing
<b>WF50II</b>		0.50	.020	0.35	.014	55°	175L(3~95%)	200μm	40μm	Label Printing
<b>WF80II</b>		0.80	.031	0.55	.022					
<b>WF95DII</b>		0.95	.037	0.65	.026					
<b>WF95BII</b>		0.95	.037	0.73	.029	40°	150L(5~95%)	200μm	50μm	Label Printing & Business Forms
<b>WF95BSIN</b>		0.95	.037	0.73	.029	30°	150L(5~95%)	200μm	50μm	Business Forms
<b>WF95SS3</b>		0.95	.037	0.73	.029	22°	150L(5~95%)	200μm	50μm	Business Forms & Varnishing
<b>WF170U</b>		1.70	.067	1.48	.058	20°	150L(5~95%)	200μm	50μm	Spot carbon, Varnishing & Packaging
<b>WF200U</b>		2.00	.079	1.78	.070					
<b>WS43HII</b>	Steel	0.43	.017	0.21	.008	65°	175L(1~95%)	150μm	40μm	Dry offset
<b>WS73HII</b>		0.73	.029	0.46	.018			200μm	40μm	
<b>WS83HII</b>		0.83	.033	0.56	.022			200μm	40μm	
<b>WS95HII</b>		0.95	.037	0.68	.027			200μm	40μm	
<b>WS100SS3</b>		1.00	.039	0.80	.031			22°	150L(5~95%)	200μm

Remarks:

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