

Torelief Technical News - N°30



Torelief – Ultra High Resolution Foil and Steel Plates

Ultra high resolution Plates have been developed to meet the growing demand for ever finer reproduction. The new technology used in the formulation of this polymer will allow the user to obtain sharp and accurate printing results. An extremely fine screen ruling can now be obtained.

Excellent ink transfer

Tough and abrasion resistant ~ Improved print quality - a wide exposure latitude ~ Very fine edge definition

Torelief Plates:

For use with the Dantex Aquaflex Family of water wash plate processing equipment

Plate Type	WF80DHX4	WF95DHX4	WS73HX4	WS83HX4	WS95HX4	WF175MHX4
Thickness	0.80 mm	0.95 mm	0.73 mm	0.83 mm	0.95 mm	1.75 mm
Relief	0.50 mm	0.65 mm	0.46 mm	0.56 mm	0.68mm	1.20 mm
Base	Polyester	Polyester	Steel	Steel	Steel	Polyester
Screen range	1-99% 200 lpi /80 lcm	1-99% 200lpi /80 lcm	1-99% 200lpi /80 lcm	1-99% 200lpi /80 lcm	1-99% 200lpi /80 lcm	3-99% 200lpi /80 lcm
Fine Line	10 µ width	10 µ width	10 µ width	10 µ width	10 µ width	40 µ width
Isolated Dot	75 µ Ø	75 µ Ø	75 µ Ø	75 µ Ø	75 µ Ø	200 µ Ø
Shore D	65°	65°	65°	65°	65°	55°
Colour	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green
K Value	3.8 mm	4.7 mm	3.5 mm	4.1 mm	4.8 mm	9.5 mm

Features

- ~ Colour change on image area after exposure
 - ~ Easy inspection of plate surface thanks to colour contrast
 - ~ Water wash technology using brush or spray
 - ~ Extremely wide exposure latitude
 - ~ Matte finished plate surface enabling quick draw-down
 - ~ Excellent ink transfer properties
 - ~ Very fine edge definition
 - ~ Full dimensional stability
 - ~ Tough and abrasion resistant polymer for a long print life
 - ~ Excellent archival properties
- (Please refer to technical manual for ideal storage conditions)

TORAY

DANTEX
Plates & more

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