

DIGITAL Flexographic Printing Plates

TYPE	DR700-II	DR635	DR550	DR470	DR394-II	DR394-III	DR318L	DR284-II	DR284M-II
Thickness (mm)	7.00	6.35	5.50	4.70	3.94	3.94	3.18	2.84	2.84
Rigidity (Shore A)	38-40	34	34	36	43-45	37-39	37-39	45-48	53-56
Recommend relief (mm)	3.2-3.8	2.2-3.0	2.0-3.0	1.2-2.2	1.8-2.0	1.8-2.0	0.9-1.5	1.0-1.4	1.0-1.4
Image reproduction	3-95%	3-95%	3-98%	3-98%	2~98%	2~98%	2-98%	2~98%	2-98%
Maximum line line/inch	100	100	100	100	100	100	120	133	133
Minimum isolated line	0.20mm (0.008inch)	0.20mm (0.008inch)	0.20mm (0.008inch)	0.20mm (0.008inch)	0.20mm (0.008inch)	0.20mm (0.008inch)	0.175mm (0.007inch)	0.175mm (0.007inch)	0.175mm (0.007inch)
Minimum isolated dot	0.40mm (0.016inch)	0.40mm (0.016inch)	0.40mm (0.016inch)	0.30mm (0.012inch)	0.30mm (0.012inch)	0.30mm (0.012inch)	0.25mm (0.01inch)	0.20mm (0.008inch)	0.20mm (0.008inch)

Suitable Ink

With water and alcohol-based ink

Incompatible Ink

With oil-based ink, hydrocarbon solvent or ink containing more than 25% ethyl acetate

TYPE	DR284H	DR284L	DR254-II	DR228LS	DR170LS	DR170H	DRI14LS	DRI14H
Thickness (mm)	2.84	2.84	2.54	2.28	1.70	1.70	1.14	1.14
Rigidity (Shore A)	58-60	39	54-56	56-58	60-62	70-72	69-72	76-78
Recommend relief (mm)	1.0-1.4	1.0	1.0-1.2	1.0-1.2	0.7-0.9	0.7-0.9	0.6-0.7	0.6-0.7
Image reproduction	2-98%	2-98%	2-98%	2-98%	1~98%	1~98%	1~98%	1~98%
Maximum line line/inch	133	133	133	133	150	150	150	150
Minimum isolated line	0.175mm (0.007inch)	0.15mm (0.006inch)	0.15mm (0.006inch)	0.15mm (0.006inch)	0.10mm (0.004inch)	0.10mm (0.004inch)	0.10mm (0.004inch)	0.10mm (0.004inch)
Minimum isolated dot	0.25mm (0.01inch)	0.25mm (0.01inch)	0.20mm (0.0079inch)	0.20mm (0.0079inch)	0.15mm (0.006inch)	0.15mm (0.006inch)	0.15mm (0.006inch)	0.15mm (0.006inch)

Suitable Ink

With water and alcohol-based ink

With water, alcohol-based ink
and UV-ink

With water, alcohol-based ink
and UV-ink

Incompatible Ink

With oil-based ink and hydrocarbon solvent ink

SIZES - DIGITAL Flexographic Printing Plates

Type	DR700 -II	DR635	DR550	DR470	DR394 -II DR394 -III	DR318 L	DR284 H DR284 -II	DR284M- II DR284L	DR254- II	DR228LS	DR170LS DR170H	DR114LS DR114H
Thickness (mm)	7.00	6.35	5.50	4.70	3.94	3.18	2.84	2.84	2.54	2.28	1.70	1.14
Size Mm (inch)	762x1016 (30x40)				√	√	√	√	√	√	√	√
	1067x1524 (42x60)	√	√	√	√	√	√	√	√	√	√	√
	1067x2032 (42x80)	√	√	√	√	√	√	√	√	√	√	√
	1200x2032 (47.2x80)					-	-	-	-	√	√	√
	1270x2032 (50x80)	√	√	√	√	√	√	√	√	√	√	√

Maximum Size: 1320x3050mm