

ANALOG Flexographic Printing Plates

TYPE	R700-II	R635	R550	R470	R394-II	R394-III	R318L	R284-II	R284M-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	38	39	48	53
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%	3~95%	3~95%	3~95%	3-95%	2-95%	2~95%	2~95%
Maximum line line/inch	85	85	85	85	100	100	120	120	120
Minimum isolated line	0.30mm (0.012inch)	0.30mm (0.012inch)	0.30mm (0.012inch)	0.30mm (0.012inch)	0.30mm (0.012inch)	0.30mm (0.012inch)	0.175mm (0.007inch)	0.175mm (0.007inch)	0.175mm (0.0068inch)
Minimum isolated dot	0.50mm (0.02inch)	0.50mm (0.02inch)	0.50mm (0.02inch)	0.50mm (0.02inch)	0.50mm (0.02inch)	0.50mm (0.02inch)	0.25mm (0.01inch)	0.25mm (0.01inch)	0.25mm (0.01inch)
Suitable ink	Water and alcohol-based ink								
Incompatible Ink	Oil-based ink, Hydrocarbon Solvent or ink containing more than 25% Ethyl Acetate								

TYPE	R284H	R284L	R254-II	R228LS	R170LS	R170H	RI14LS	RI14H	
Thickness (mm)	2.84	2.84	2.54	2.28	1.70	1.70	1.14	1.14	
Rigidity (Shore A)	58-60	39	56	56	60-62	70-72	69-70	76-78	
Recommend relief (mm)	1.0-1.4	1.0-1.2	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	2-95%	2-95%	2-95%	2-95%	2~95%	2~95%	2-95%	2-95%	
Maximum line line/inch	120	133	133	133	150	150	150	150	
Minimum isolated line	0.175mm (0.0068inch)	0.15mm (0.0059inch)	0.15mm (0.0059inch)	0.15mm (0.0059inch)	0.15mm (0.0059inch)	0.10mm (0.004inch)	0.10mm (0.004inch)	0.10mm (0.004inch)	
Minimum isolated dot	0.25mm (0.01inch)	0.2mm (0.0079)	0.2mm (0.0079)	0.20mm (0.0079inch)	0.20mm (0.0079inch)	0.20mm (0.0079inch)	0.2mm (0.0079)	0.2mm (0.0079)	
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

N/A

N/A

SIZES - ANALOG Flexographic Printing Plates

TYPE		R700-II	R635	R550	R470	R394-II R394-III	R318L	R284H R284-II	R284M-II R284L	R254-II	R228LS	R170LS R170H	R114LS R114H
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