



■HuaGuang flexographic printing plate series

Type	R635	R550	R394	R318	R284	R284H	R254
Plate thickness (mm)	6.35	5.50	3.94	3.18	2.84	2.84	2.54
durometer (Shore A)	33-35	35-38	41-45	38-41	45-48	58-62	55-58
Recommended relief depth (mm)	2.2-3.0	2.0-3.0	1.8-2.0	0.9-1.5	1.0-1.2	1.0-1.4	0.9-1.2
Image reproduction	3%~95%	3%~95%	3%~95%	2-95%	2%~95%	2%~95%	2-95%
Maximum line, line/inch	85	85	100	120	120	120	133
Minimum isolated line	0.30mm (0.0118inch)	0.30mm (0.0118inch)	0.30mm (0.0118inch)	0.175mm (0.0068inch)	0.175mm (0.0068inch)	0.175mm (0.0068inch)	0.15mm (0.0059inch)
Minimum isolated dot	0.50mm (0.0197inch)	0.50mm (0.0197inch)	0.50mm (0.0197inch)	0.25mm (0.01inch)	0.25mm (0.01inch)	0.25mm (0.01inch)	0.2mm (0.0079)
Compatible ink	Suitable for water and alcohol-based ink, incompatible with oil-based ink, hydrocarbon solvent nor the ink containing ethyl acetate of more than 25%						
Main application	Corrugated board,	Corrugated board,	Corrugated board, thick board, paper	Corrugated board, thick board, paper	Corrugated board, thick board, paper	Corrugated board, thick board, paper	Corrugated board, thick board, paper



Type	R228L	R170L	R170H	R114L
Plate thickness (mm)	2.28	1.70	1.70	1.14
durometer (Shore A)	57-60	60-62	67-72	72-73
Recommended relief depth (mm)	1.0-1.1	0.7-0.9	0.7-0.9	0.6-0.7
Image reproduction	2%~95%	2%~95%	2%~95%	2-95%
Maximum line, line/inch	133	150	150	150
Minimum isolated line	0.15mm (0.0059inch)	0.15mm (0.0059inch)	0.10mm (0.004inch)	0.10mm (0.004inch)
Minimum isolated dot	0.20mm (0.0079inch)	0.20mm (0.0079inch)	0.20mm (0.0079inch)	0.2mm (0.0079)
Compatible ink	Suitable for water and alcohol-based ink, incompatible with oil-based ink, hydrocarbon solvent nor the ink containing ethyl acetate of more than 25%		Suitable for UV ink, some tested solvent inks, besides water and alcohol-based ink	Suitable for water , alcohol-based ink and UV-ink
Main application	Label, flexible package, carry bag, folded paper box and beverage package	Film, label, flexible package, carry bag, folded paper box	Film, label, flexible package, carry bag, folded paper box and beverage package	Film, label, flexible package, carry bag, folded paper box and beverage package, varnished plate