

	Cosmo <i>light</i> ® NR				Cosmo <i>light</i> ® NS				Cosmo <i>light</i> ® NH				Cosmo <i>light</i> ® NEO							
Main Application	Envelope Paper/Plastic Bag Beverage Container Varnish				Paper/Plastic Bag Tag & Label Flexible Packaging Beverage Container				Flexible Packaging Tag & Label				Tag & Label Envelope Paper Bag Beverage Container Napkin Tissue Pre-print Liner Varnish							
Key Advantages	· Lowest dot-gain and clearer reverse printing · Outstanding ink transfer · Easy mounting · Excellent durability · Press-plate ready within one hour				· Lowest dot-gain and clearer reverse printing · Highest resolution and reproduction capability · Press-plate ready within one hour · Higher solvent ink resistance				· Lowest dot-gain and clearer reverse printing · Highest resolution and reproduction capability · Press-plate ready within one hour · Higher solvent ink resistance				· Excellent Ink transfer · Less dot gain and sharper screen image · Higher durability · Wider latitude of exposure time · Easy mounting							
Thickness (mm / inch)	1.14 (0.045")	1.70 (0.067")	2.54 (0.100")	2.84 (0.112")	1.14 (0.045")	1.70 (0.067")	2.54 (0.100")	2.84 (0.112")	1.14 (0.045")	1.70 (0.067")	2.54 (0.100")	2.84 (0.112")	1.14 (0.045")	1.70 (0.067")	2.54 (0.100")	2.84 (0.112")				
Hardness (shore A)	71°	60°	52°	50°	77°	71°	65°	64°	81°	76°	71°	70°	76°	68°	61°	60°				
Base Polyester film	0.125mm (0.005")				0.125mm/ 0.188mm (0.005"/0.007")				0.125mm/ 0.188mm (0.005"/0.007")				0.125mm/ 0.250mm (0.005"/0.01")							
Plate Size (mm)	457× 610 (18"×24") 610× 762 (24"×30") 762× 1016 (30"×40") 1067× 1524 (42"×60")				457× 610 (18"×24") 610× 762 (24"×30") 762× 1016 (30"×40") 1067× 1524 (42"×60")				457× 610 (18"×24") 610× 762 (24"×30") 762× 1016 (30"×40") 1067× 1524 (42"×60")				457× 610 (18"×24") 610× 762 (24"×30") 762× 1016 (30"×40") 1067× 1524 (42"×60")							
Image Reproduction	Screen Image Min. Fine Line Min. Isolated Dot				175lpi 1～95% 0.03mm (0.001") 0.10mm (0.004")				175lpi 1～95% 0.03mm (0.001") 0.10mm (0.004")				175lpi 1～95% 0.03mm (0.001") 0.10mm (0.004")				150lpi 2～95% 0.05mm (0.002") 0.15mm (0.006")			
Processing Time	1.14mm		1.70mm		1.14mm		1.70mm		1.14mm		1.70mm		1.14mm		1.70mm					
Back Exposure	15"～20"		45"～60"		15"～20"		45"～60"		20"～30"		60"～75"		5"～15"		25"～40"					
Main Exposure	2"～8'		2"～8'		2"～8'		2"～8'		3"～9'		3"～9'		3"～8'		3"～8'					
Washout	8"～15'		8"～15'		8"～15'		8"～15'		8"～15'		8"～15'		8"～15'		8"～15'					
Dry	10'		10'		10'		10'		10'		10'		20'		20'					
Post Exposure	3"～10'		3"～10'		3"～10'		3"～10'		3"～10'		3"～10'		3"～4'		3"～4'					
Light Finishing	3"～10'		3"～10'		3"～10'		3"～10'		3"～10'		3"～10'		3"～10'		3"～10'					
Ink Resistance	Water Based Ink Alcohol Ink Solvent Ink UV Ink Oil Based Ink				Excellent Excellent Fair Good Poor				Excellent Excellent Good Good Poor				Excellent Excellent Poor Good Poor							

1) Other sizes and gauges are available with a minimum order and/or upon your request at an additional cost.
2) Exposure time, which depends on the kind of lamp, lamp age and image characteristics, should be re-adjusted for optimum plate quality. (Relief depth 0.7~0.9mm, UV-lamp Philips TLK40W/10R)
3) Washout time depends on relief depth required for each application. Water temperature should be 40°C(104°F).
4) Light-finishing time depends on the application and equipment used.