

GRACoL Chart

PAPER / SUBSTRATE	LINE SCREEN	TOTAL AREA COVERAGE %	SOLID INK DENSITY				TOTAL % DOT GAIN				PRINT CONTRAST			
			K	C	M	Y	K	C	M	Y	K	C	M	Y
Grades #1 & #2 Premium Gloss / Dull Coated	175	320%	1.70	1.40	1.50	1.05	22	20	20	18	40-45	35-40	35-40	30-35
Grades #1 & #2 Premium Matt Coated	150-175	300-320%	1.60	1.30	1.40	1.00	24	22	22	20	40-45	35-40	35-40	30-35
Premium Text & Cover Smooth	150-175	260%	1.30	1.15	1.15	0.90	26	22	22	20	35-45	30-40	30-40	25-35
Grades #3 Coated	150	310%	1.65	1.35	1.45	1.02	22	21	22	18	45	40	40	35
Grades #5 ** Coated	133	300%	1.60	1.30	1.40	1.00	22	20	20	18	35-45	30-40	30-40	25-35
Supercal SCA+	133	280%	1.50	1.25	1.35	1.00	28	26	26	24	23	21	21	20
Supercal SCA	120	260-280%	1.40	1.15	1.20	0.95	28	26	26	24	23	21	21	20
Supercal SCB	120	240-260%	1.35	1.10	1.15	0.95	28	26	26	24	23	21	21	20
Uncoated	110	240-260%	1.25	1.00	1.12	0.95	28	26	26	24	20	17	16	17
Newsprint ***	85	240%	1.05	0.90	0.90	0.85	30	30	30	30	16	13	12	15
Newsprint (heatset) & Supercal SCC	100	240%	1.20	1.08	1.15	0.95	32	32	32	32	16	13	12	15

** Same as SWOP

*** Same as SNAP

Dots per inch YMCK Screen Total %

+ / - .10 Density

Measured at 50%

+ / - 3%

Density of Solid /
Density of 75% Patch (+/- 5%)