

7/16/2011 Lou Dina

Claria Ink Curves for Epson 1400 and QTR

Total Ink Limit100%

ONLY ALTER NUMBERS SHOWN IN RED

Individual Ink Limits (others are pct of K)

K

C

M

Y

LC

LM

50%

14%

18%

0%

0%

0%

Only adjust Basic Curve Shapes if absolutely required (which it may be)

Basic Curve Shapes (at 100% Ink Limit)

Den.	K	Den.	CM	Den.	LC LM	Den.	Y
0	0	0	0	0	0	0	0
15	3.5	15	2.5	15	2.5	15	2.5
40	12	40	9	40	9	40	9
62	23	62	17	62	17	62	17
80	36	80	20	80	20	80	20
88	47	88	17	88	17	88	17
94	63	94	10	94	10	94	10
100	100	100	0	100	0	100	0

Curve Ink Limits (Calculated - applies total and individual Ink limits)

Den.	K	Den.	C	Den.	M	Den.	Y	Den.	LC	Den.	LM	Den.	Total
0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	1.75	15	0.35	15	0.45	15	0	15	0	15	0	15	2.55
40	6	40	1.26	40	1.62	40	0	40	0	40	0	40	8.88
62	11.5	62	2.38	62	3.06	62	0	62	0	62	0	62	16.94
80	18	80	2.8	80	3.6	80	0	80	0	80	0	80	24.4
88	23.5	88	2.38	88	3.06	88	0	88	0	88	0	88	28.94
94	31.5	94	1.4	94	1.8	94	0	94	0	94	0	94	34.7
100	50	100	0	100	0	100	0	100	0	100	0	100	50

Note:

Black curve numbers are shown for illustration purposes. My current approach utilized Black Boost, K Limit and other QTR controls to create the black curve. If you desire, you can also used defined curve shapes for the black curve instead of using QTR’s controls. Experiment with shapes in this spreadsheet.

Ink Limit Curves (calculated from basic shapes after applying Total and Individual Ink Limits)

