

Plate to Anilox

Screen Calculator

Screen: L/cm

Plate Line Count	Anilox screen with % dot:				
	10% >	5%	3%	2%	1%
L/cm	L/cm	L/cm	L/cm	L/cm	L/cm
18	50	70	90	110	140
20	55	75	100	115	160
22	60	80	105	130	175
26	70	100	120	150	210
28	75	105	130	160	225
34	90	130	160	195	275
38	105	150	180	225	300
42	115	160	200	255	330
48	125	180	220	275	360
51	135	190	230	290	400
54	140	200	250	300	420
59	160	210	265	330	470
69	175	240	310	390	540
80	200	280	360	440	610

Instructions:

Find your Plate Screen (above left). Determine the Minimum Dot Percentage you will image (<1% - >10%).

The resulting number is your Recommended Anilox line screen.

These are the general recommendations for minimum anilox roll cell counts at 60° angle.

Many variables affect performance including anilox ink release characteristics, ink characteristics, printing speed, atmospheric conditions, and type of stock. Your results may vary depending on these conditions.