

Tech Cell screen and volume guide

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		Diamond		Emerald		Ruby		Amber		Opal	
LPI	L/cm	Min Cm3	Max Cm3	Min Cm3	Max Cm3	Min Cm3	Max Cm3	Min Cm3	Max Cm3	Min Cm3	Max Cm3
55	22	23.25	68.20	N/A	N/A	N/A	N/A	17.25	121.57	26.35	141.05
60	24	20.15	60.45	N/A	N/A	N/A	N/A	35.92	107.75	23.25	127.10
85	34	18.60	52.70	N/A	N/A	N/A	N/A	33.15	93.94	21.70	103.08
100	40	18.14	38.75	N/A	N/A	N/A	N/A	32.33	69.07	20.93	80.60
120	48	15.50	34.88	N/A	N/A	N/A	N/A	27.63	62.16	17.83	65.88
140	56	12.56	28.68	11.20	18.00	11.50	25.00	22.38	51.11	14.73	53.01
180	72	8.06	25.58	10.00	16.20	10.35	22.50	14.37	45.59	9.30	42.63
200	80	7.91	24.03	9.00	14.58	9.32	20.25	14.09	42.82	9.30	34.88
220	88	7.29	20.93	8.10	13.12	8.38	18.23	12.99	37.30	8.53	27.90
250	100	5.89	17.83	7.29	11.81	7.55	16.40	10.50	31.77	6.82	24.80
280	112	5.74	16.28	6.56	10.63	6.79	14.76	10.22	29.01	6.51	21.70
300	120	5.43	14.73	5.90	9.57	6.11	13.29	9.67	26.25	5.58	20.46
330	132	5.12	13.18	5.31	8.61	5.50	11.96	9.12	23.48	4.96	18.91
360	144	4.34	11.63	4.78	7.75	4.95	10.76	7.74	20.72	4.65	15.50
400	160	3.10	10.08	4.30	6.97	4.46	9.69	5.53	17.96	4.34	13.95
440	176	2.95	9.30	3.87	6.28	4.01	8.72	5.25	16.58	N/A	N/A
500	200	2.79	8.53	3.49	5.65	3.61	7.85	4.97	15.20	N/A	N/A
550	220	2.64	7.75	3.14	5.08	3.25	7.06	4.70	13.81	N/A	N/A
600	240	2.48	7.44	2.82	4.58	2.92	6.35	4.42	13.26	N/A	N/A
650	260	2.33	6.51	2.54	4.12	2.63	5.72	4.14	11.60	N/A	N/A
700	280	2.17	5.89	2.29	3.71	2.37	5.15	3.87	10.50	N/A	N/A
750	300	1.86	4.96	2.06	3.34	2.13	4.63	3.32	8.84	N/A	N/A
800	320	1.55	4.34	1.85	3.00	1.92	4.17	2.76	7.74	N/A	N/A
900	360	1.55	3.72	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1000	400	1.55	3.41	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1100	440	1.55	3.10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1200	480	1.40	2.79	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1300	520	1.40	2.48	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1400	560	1.40	2.17	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1500	600	1.40	1.86	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

The screen rang shown covers the common printing and coating requirements for the flexo printer using