

Cromalin® System Publication Specifications

クロマリン校正システム仕様書

Film C/P, C/N Receptor Stock CR/5 Toners SOP, SON Proof Finish C/TC

Exposure 150 lines/inch Comguide

Layer	Color	ColorTrax® Microlines	C/P Microlines	C/P Dot Gain	C/N Dots	C/N Dot Gain
1	K	Hold 8, Scum 6	Hold 11, Scum 8	24 ± 3%	2%—Partial 97%	23 ± 3%
2	C	Hold 8, Scum 6	Hold 11, Scum 8	24 ± 3%	2%—Partial 97%	23 ± 3%
3	M	Hold 8, Scum 6	Hold 11, Scum 8	24 ± 3%	2%—Partial 97%	23 ± 3%
4	Yt5	Hold 8, Scum 6	Hold 11, Scum 8	22 ± 3%	2%—Partial 97%	22 ± 3%

Note: SWOP densities should be read off of publication SWOP toner reference guide target density patch. There are separate guides for CN and CP.

Laminator

	Temperature	Torque	NIP Pressure*
C/N (T1179)	240°F ± 5°F	10 in/lb	Orange Top 0.25 in
C4/CP	245°F ± 5°F (R 118 ± 3度)	10 in/lb	Red Top 0.20 in
CP	215°F ± 5°F	10 in/lb	
C/TC	230°F ± 5°F	10 in/lb	*Between stop pin on stop collar and stop adjustment screw

Toning Machines

	ATM 2900		ATM II & III		CAT
	Positive	Negative	Positive	Negative	
Hopper Throat Gap	0.195–0.225 in	0.195 in	0.140 in	0.120 in	No gap adjustment required
Hopper Gap	0.160 ± .005 in	0.160 ± .005 in	0.160 ± .005 in	0.160 ± .005 in	
Clean-up Bar	—	—	0.180–0.200 in	0.180–0.200 in	
Entrance Guide Gap	—	—	0.030 min	0.030 min	
Toning Bars	0.175–0.205 in	0.175–0.195 in	—	—	
Speed Range	3–7 ft/min		36–72 in/min		25–90 in/min

Exposure Equipment Exposure Equipment Approved by DuPont as of 9/27/89

Light Source	Bulb #	Peak 365 NM
Theimer 5 KW	Ths5027	800 Microwatts/CM2 minimum
Theimer 6 KW	Ths6027	
Theimer 8 KW	Ths8027	#400 Kokomo filter
Olec 5 KW AL53	L1250, L1261	
Nuarc 6 KW System 631 EXP SYS	LY33	Recommended using “low power” setting for ColorTrax®
Burgess 2 KW-4252VS System	B1406-03/754-18025	

Vacuum Frame

Douthitt Option X 42 in (may go higher for higher KW light sources) distance between Kokomo
Teaneck Fast Draw filter and vacuum frame glass for 5 KW

Light Integrator

GTI Expo 19 Minimum 10 channel
OLEC AL985 Probe equipped with Schott UG-11 or Hoya 350 filter mounted at 45 degree angle towards light source

Miscellaneous

湿度 Room humidity 55% ± 5% RH; ColorTrax® room humidity 55% ± 15% RH

温度 Room temperature 72°F ± 2°F

Use bleeder strips: thickness 0.004–0.007 in; place 1/8 in from film; run to matte フィルムストリップの厚み: 0.004in-0.007in
Vacuum drawdown ≥ 120 seconds used with chipboard フィルムから 1 / 8 in (0.3m) 離して設置

Use UV absorber over room light fixtures 感光しないようにUVアブソーバーを使用する

*Peel table at 80°F ± 2°F, on table 30 seconds minimum before peel

*Use the Stouffer/UGRA wedge as a troubleshooting guide フィルムを剥がす際には26.7度に保てる台を使用、または30秒以内に剥がす。

*Hold solid 4 on Stouffer, solid 3 on UGRA

*C/N only