

Photoplotter Films Product Guide

WHICH PHOTOPLOTTER FILM IS RIGHT FOR YOU?

Choose the KODAK ACCUMAX Film that will help you deliver outstanding outputs to keep your customers coming back.

KODAK ACCUMAX Photoplotter Film APR7

Dual red sensitivity at 633 nm and 670 nm for use with photoplotters using helium-neon (HN) or red laser-diode (RLD) exposing sources. Single-sided gel and factory preconditioned for the ultimate in dimensional stability. Contains ultra-fine matte on the emulsion side to improve handling and vacuum draw-down to photo resist. APR7 Film is designed for use with the following photoplotters:

Manufacturer	Model
UCAMCO / Barco	BG-3800, BG-3900, BG-7300, BG-7400, BG-7500, SilverWriter, Calibr8tor
Dainippon Screen	RG 7000, RG 7500, RG 8000, RG 8500
First EIE SA	RP 200, RP 300, RP 500, RP 700, RP 800
UCAMCO / Gerber	Crescent 30, Crescent 40
Lavenir	PULSAR 8000SE
Orbotech	LP 7008 and LP 9008, LP-9

KODAK ACCUMAX Photoplotter Film RED7

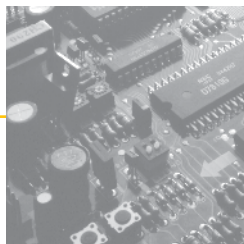
Dual red sensitivity at 633 nm and 670 nm for use with photoplotters using helium-neon (HN) or red laser-diode (RLD) exposing sources. Emulsion-side matte to provide rapid draw-down to photoresist. RED7 Film is designed for use with the following photoplotters:

Manufacturer	Model
UCAMCO / Barco	BG-3800, BG-3900, BG-7300, BG-7400, BG-7500, SilverWriter, Calibr8tor
Dainippon Screen	RG 4000, RG 7000, RG 7500, RG8000, RG8500
First EIE SA	RP 200, RP 300, RP 500, RP 700, RP 800
Escher-Grad	Equinox
UCAMCO / Gerber	Crescent 30, Crescent 40
Lavenir	PULSAR 8000SE
Orbotech	LP 7008 and LP 9008, LP-9

KODAK ACCUMAX Photoplotter Film ABG7

Designed to produce high-quality phototools on raster imaging photoplotters, and other artwork generators with output at 488, 532, 543, and 565 nanometres. ABG7 Film is designed for use with the following photoplotters:

Manufacturer	Model
Heidelberg	MW 800, MW 1550
CSI	Fire 9000
Dainippon Screen	RG 6500
Excellon	LPG 2001
Mania Barco (Gerber)	Flat Bed 28
Lavenir	RPG Series, Pulsar 8000
Mivatec GmbH	Miva 16xx, 25xx, 26xx, 28xx
Orbotech	5008, 5008 XP
Pentax	LPP-3677, LPP-3800



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KODAK PCB Photoplotter Films Product Guide

Film	Thickness	Gelatin Coating Structure	Humidity Coefficient: Processed Film*	Humidity Coefficient Example †	Pre-conditioned to 50% RH	Low Inclusion Base ‡	Base Side Matte	Emulsion Side Matte	Permanent Anti-Static	Spectral Sensitivity	Safelight Filter	Processing Chemicals Developer and Fixer	Recommended Starting Points	Reference Publication on Web
APR7	.007" (178 µm)	1-sided	0.0009%	90 µm	✓	✓‡	✓	✓	✓	Extended Red (HN & RLD) 633 - 670 nm	Encapsulite T20ND.75 Cyan	KODAK ACCUMAX Rapid Access Developer and Replenisher § 1:2	Developer Time and Temp: 45 seconds at 35C (95F) Dryer Temp: APR7: 35C (95F) RED7 and ABG7: 43C (110F)	T12648
RED7		2-sided	0.0014%	140 µm		✓	✓	✓	✓					T12585
ABG7		2-sided	0.0012%	120 µm		✓	✓	✓	✓	Argon-Ion Blue, 488 nm YAG Green, 532 nm HeNe Green, 543 nm LED Green, 543 nm	1A Red			KODAK Rapid Access Fixer and Replenisher § 1:3

* % size change per % change in RH

† Size change in micrometers for 10% change in RH over 1 metre in length

‡ Extremely low inclusion base

§ Developer replenishment rate is 350 ml/m². Fixer replenishment rate is 540 ml/m².