



Product features

Technical specifications:

Film type	<ul style="list-style-type: none"> ◀ Polyester based recording film for LED imagers. ◀ Spectral sensitivity : LED-array 660nm.
Polyester base	<ul style="list-style-type: none"> ◀ Anti-static, thickness 100µ.
Image quality	<ul style="list-style-type: none"> ◀ Practical density: D 4.30 to 4.50 ◀ Screen range: 2 to 98% at 150lpi (depending on the image setter).
Safelight	<ul style="list-style-type: none"> ◀ Dark green, recommended Encasulite T20 ND.75
Processing	<ul style="list-style-type: none"> ◀ Recommended Koru Film Dev.
Developer conditions	<ul style="list-style-type: none"> ◀ Between 30 and 40 seconds at 38°C
Replenishment	<ul style="list-style-type: none"> ◀ Koru Film Dev: 200ml/m² at 50% exposed film ◀ Koru Film Dev: anti ox replenishment: 1000ml/24h ◀ Koru Film Fix: 300ml/m² at 50% exposed

Features:

- ◀ Hard dot quality: perfect sharpness & practical density even in the smallest dots
- ◀ Moderate system latitude: Wide exposure latitude but limited processing latitude
- ◀ Very good Day to day consistency
- ◀ Very good batch-to-batch consistency
- ◀ Convenience and ease of use because of available ECO equipment
- ◀ Ecological & Economical replenishment, very low chemistry consumption
- ◀ Linear output for conventional screening
- ◀ Approved for stochastic screening
- ◀ Anti-static before and after processing
- ◀ Universal processing: hard dot quality even in rappid access processing systems

Practical exposure on Koru - KLE

Engine	Tanto
Int. Setting	55 (S-high spiral)
Practical density	D.4.30-4.50
2400dpi / 150 lpi - no calibration	
Linearity 5%	4%
50%	54%
95%	97%



User guidelines

Processing conditions

Developer

Koru Film Dev (1+2)

Recommended processing time
 Processing latitude
 Processing temperature
 dilution

35 sec.
 30 - 40 sec.
 38°C or 100°F
 1 part KFDev + 2 parts water



	ml/m2	cc/sqin
15% exp.	75	0,04
50% exp.	200	0,13
85% exp.	350	0,20

Anti-Ox replenishment

1000 ml/24h = 0,264 US_gallons/24h

Fixer

Koru Film Fix (1+4)

Fixing temperature

32°C or 90°F

without fixer electrolysis



15% exp.	500 ml/m2	0,32 cc/sqin
50% exp.	300 ml/m2	0,19 cc/sqin
85% exp.	100 ml/m2	0,06 cc/sqin

with fixer electrolysis

125 ml/m2 0,08 cc/sqin

Practical Set-up Density:

> D.4.30 (dotgain depending on optical quality of Imagesetter)

Chemical compatibility:

Processable in common Rapid Access and Hard Dot chemistries.

Dimensional stability:

Humidity. coef:

0.10mm base Crh 0.016mm/m / % RH

Temp. coef:

0.10mm base Cot 0.018mm/m /1°C (0.001mm/m /1°F)

Safelight conditions:

Dark green

Recommended: EncapSulite T20/ND.75 or equivalent

Storage:

The films are preferably stored in a cool dry place temperature below 20°C (68°F) and a relative humidity between 30% and 60%.