



*Product features*

**Technical specifications:**

- Film type
  - ◀ Polyester based HeNe recording film for red laser or laser diode
  - ◀ Spectral sensitivity between 630 and 670nm.

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- Polyester base
  - ◀ Anti-static, thickness 100µ.

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- Image quality
  - ◀ Hard dot
  - ◀ Practical density; D 4.00 to 4.20
  - ◀ Screen range: 2 to 98% at 150lp (depending on image setter).

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- Safelight
  - ◀ Dark green, recommended Encasulite T20 ND.75

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- Exposure set-up
  - ◀ Based on Dot Size (original 50% --> 50% on film) over exposure will not increase the practical density above 4.20

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- Processing
  - ◀ Recommended Koru Film Dev.
  - ◀ Conditions: between 25 and 40 seconds at 35°C

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- Replenishment
  - ◀ Koru Film Dev: 200ml/m<sup>2</sup> at 50% exposed film
  - ◀ Koru Film Dev: anti ox replenishment: 1000ml/24h
  - ◀ Koru Film Fix: 300ml/m<sup>2</sup> at 50% exposed

**Features:**

- ◀ Hard dot quality : perfect sharpness and practical density even in the smallest dots
- ◀ High speed: less laser usage in older exposure engines
- ◀ Universal processing: hard dot quality even in Rapid Acces processing systems
- ◀ Moderate System latitude: wide exposure latitude but limited processing latitude
- ◀ Very good batch-to-batch consistency
- ◀ Linear output for conventional screening
- ◀ Approved for stochastic screening
- ◀ Anti-static before and after processing

**Practical exposure on Koru - KRD**

Engine	AccuSet	Avantra
Int. Setting	165	210
Practical density	D.4.00-4.20	D.4.00-4.20
2400dpi / 150 lpi - no calibration		
Linearity 5%	4%	5%
50%	52%	51%
95%	97%	95%



*User guidelines*

**Processing conditions**

**Developer**

**Koru Film Dev (1+2)**

Recommended processing time

30 sec.

Processing latitude

25 - 40 sec.

Processing temperature

35°C or 95°F

Dilution

1 part KFDev + 1 part water



	ml/m2	cc/sqin
15% exp.	50	0,03
50% exp.	150	0,10
85% exp.	250	0,16

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.4.00 - D.4.20** (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%.