Technical InfoSheet

KORU - XRM / XR7M



Product features

Technical specifications	
Film type	Polyester based recording film for red laser or laser diode.Spectral sensitivity between 630 and 670nm.
Polyester base	 Anti-static, thickness 100μ and 175μ
Image quality	 Practical density: >D 5.00 Screen range: 2 to 98% at 150lpi (depending on the image setter).
Safelight	Dark green, recommended Encasulite T20 ND75
Processing	• Recommended Koru Film Dev. or equivalent Hard Dot chemistry
Developer conditions	◆ Between 25 and 40 seconds at 35°C
Replenishment	 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:

- Perfect "hard dot" edge sharpness and very high practical density
- Wide System latitude: Wide processing & exposure latitude
- Very good batch-to-batch consistency
- Convenience and ease of use because of available ECO equipment
- ← Ecological & Economical replenishment, Low chemistry consumption.
- Linear output for conventional screening and stochastic screening
- Anti-static before and after processing
- Recommended film for Sublima Flexo screening

Practical exposure on Koru - KRD				
Engine	AccuSet	Avantra		
Int. Setting	145	190		
Practical density	D. > 5.00	D> 5.00		
2400dpi $/$ 150 lpi - no calibration				
Linearity 5%	5%	5%		
50 %	51%	50%		
95 %	95%	95%		

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User guidelines

Processing conditions

Developer

Recommended processing time

Processing latitude

Processing temperature

Dilution

Koru Film Dev (1+2)

30 sec.

20 - 40 sec.

35°C or 95°F

1 part KFDev + 2 parts water



	ml/m2	cc/sqin
15% exp.	150	0,10
50% exp.	250	0,16
85% exp.	425	0,27

Anti-Ox replenishment

 $1000 \text{ ml}/24h = 0.264 \text{ US}_{gallons}/24h$

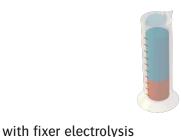
Fixer

Fixing temperature

Koru Film Fix (1+4)

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
	125 ml/m2	0.08 cc/sqin

D >5.00 (dotgain depending on optical quality of Imagesetter)

Chemical compatibility:

Practical Set-up Density:

Only Koru Film Dev. or equivalent Hard Dot chemistries.

Dimensional stability:

Humidity. coef:

0.10mm base Crh 0.016mm/m / % RH

Temp. coef:

0.10mm base

Cot 0.018mm/m $/1^{\circ}$ C (0.001mm/m $/1^{\circ}$ 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%.