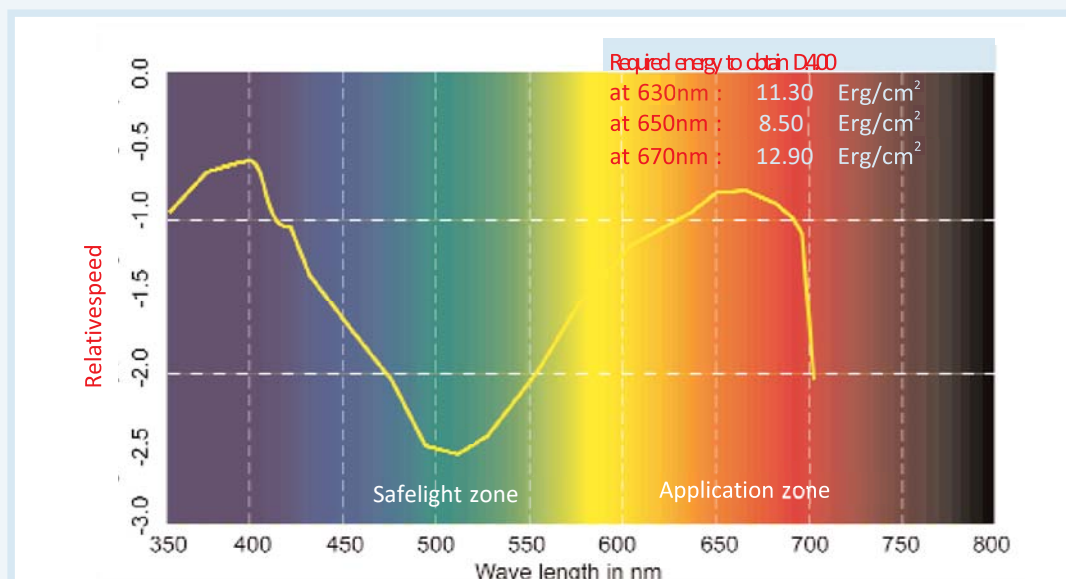


Description:

- * Alliance far red economy film
- * Spectral sensitivity: HeNe laser and red laserdiode (630-670nm)
- * Emulsion coated on a 0.10 mm antistatic polyester base.



Features

- Excellent image quality: very good sharpness and **high practical UV-Density***
- Wide system latitude: wide processing & exposure latitude
- Very good day to day consistency
- 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

* UV- density measured using Gretag Macbeth D200 – II densitometer

Practical photographic properties comparisson

	Screen Katana		Agfa Avantra	
Type/Chem.	HNS / G101c	HNS / G101c	HNS / G101c	HNS / G101c
Int. Setting	180 / 2400dpi	250 / 1200dpi	240 / 2400dpi	650 / 1200dpi
Pract. density	D3,80 / UVD4,20*	D3,80 / UVD4,20*	D3.85 / UVD4.25*	D3,85 / UVD4,25*
5%	7 %	7%	6,5%	6,5%
50%	59 %	59 %	57 %	57 %
95%	97,5 %	97,5 %	97 %	97 %

User guidelines

Processing conditions

Agfa developers

Recommended processing time
Processing latitude
Processing temperature

G101c

30 sec.
25 - 60 sec.
35°C or 95°F

G202c

40 sec
40 - 45 sec
35°C or 95°F

Developer replenishment



15% exp.
50% exp.
85% exp.

G101c

	ml/m2	cc/sqin
15% exp.	100	0,06
50% exp.	200	0,12
85% exp.	350	0,23

G202c

	ml/m2	cc/sqin
15% exp.	150	0,09
50% exp.	250	0,15
85% exp.	425	0,27

Anti-Ox replenishment: It is obligatory to raise replenishment rates to achieve at least 1 tank turnover per week !

<10m2 /24h: 2500 ml/24h = 0,660 US_gallons/24h
>10m2 /24h: 1500 ml/24h = 0,396 US gallons/24h

Agfa fixers

Fixing temperature

G333c

32°C or 90°F

Fixer replenishment

without fixer electrolysis



15% exp.
50% exp.
85% exp.

G333c

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

Practical set-up Density:

Visual density > D3.60 creates UV Density >4.00*

Practical set-up Dot gain:

>57% It is obligatory to create sufficient dot gain(level also depending on optical quality & type of image setter).

Chemical compatibility:

Processable in all Rapid Access chemistries and in main Hard Dot chemistries such as RA2000, Fuji HQ QRD-1 and QRD-1P.

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