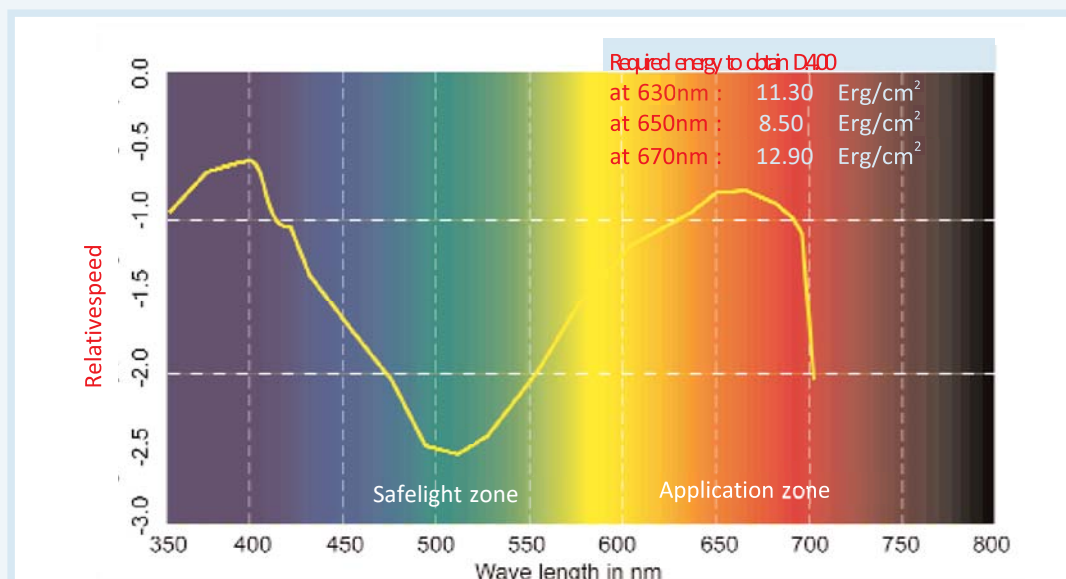


## Description:

- \* 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

	Screen Katana		Agfa Avantra	
	1200dpi	2400dpi	1200dpi	2400dpi
Res.	1200dpi	2400dpi	1200dpi	2400dpi
Int. Setting	250	180	650	240
Pract. density	D3,85 / UVD4,25*	D3,85 / UVD4,25*	D3,95 / UVD4.35*	D3.95 / UVD4.35*
5%	7,5 %	7,5 %	7%	7%
50%	60 %	59 %	57 %	56 %
95%	97,5 %	97,5 %	97 %	97 %

User guidelines

Processing conditions

Agfa developers

Recommended processing time  
 Processing latitude  
 Processing temperature

ACD/ASD

30 sec.  
 25 - 60 sec.  
 35°C or 95°F

G101c

30 sec.  
 25 - 60 sec.  
 35°C or 95°F

Developer replenishment



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

ACD/ASD

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

G101c

	ml/m2	cc/sqin
15% exp.	150	0,09
50% exp.	250	0,15
85% exp.	400	0,26

**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 > D.3.80 creates UV density UVD > 4.20\***

**Practical Set-up Dot gain:**

**>57% (It is obligatory to create sufficient dot gain! Level also depending on optical quality- and type off 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