

630 - 670nm

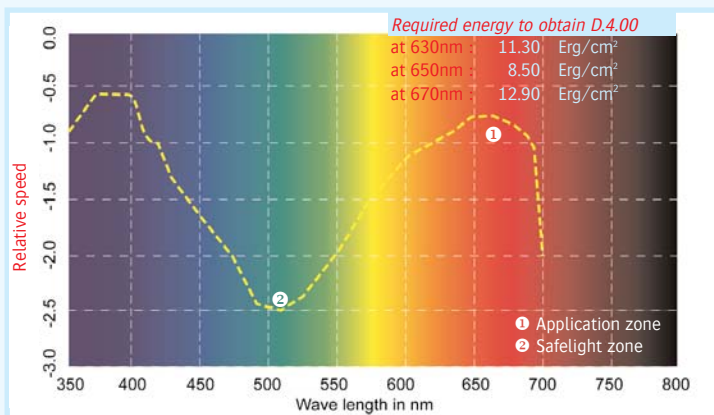
Product features



HD

Description:

- * ImPower Plus Far Red films : I-FR, I-FRM and I-FR7M
- * Spectral sensitivity: HeNe-laser and extended red laserdiode (630 - 670 nm)



- * Emulsion coated on a 0.10 mm (I-FR, I-FRM) and 0.18mm (I-FR7M) polyester base
- * The matte films are approved for exposure of photopolymer plates.

Features

- ♦ Perfect "hard dot" edge sharpness and very high practical density
- ♦ Wide System latitude: wide processing and exposure latitude
- ♦ Low dot shift in plate copy
- ♦ Good batch-to-batch consistency
- ♦ Convenience and ease of use because of available ECO equipment
- ♦ Low chemistry consumption
- ♦ Linear output for conventional screening & stochastic screening
- ♦ Recommended Film for :**Sublima for Flexo** screening
- ♦ Anti-static before and after processing
- ♦ Open system :processable in compatible chemistries

User guidelines



Processing conditions

Agfa developers

Recommended processing time

Processing latitude

Processing temperature

ACD/ASD

30 sec.

30 sec - 60sec.

35°C or 95°F

Developer replenishment



ACD/ASD



15% exp. : 150 ml/m² 0.10 cc/sqin



50% exp. : 250 ml/m² 0.16 cc/sqin



85% exp. : 425 ml/m² 0.27 cc/sqin

Anti-Ox replenishment

< 10 m² / 24 hours : 2000 ml / 24 h

> 10 m² / 24 hours : 1000 ml / 24 h

Machine width > 125cm : 3000 ml / 24 h

Agfa fixers

Fixing temperature

G333c/G333p

32°C or 90°F

Fixer replenishment



G333c/G333p

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

Chemical compatibility:

Processable 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

(0.18mm base)

Crh 0.012mm/m / % RH

Temp. coef:

(0.10 and 0,18mm base)

Cot 0.018mm/m /1°C (0.001mm/m /1°F)

Safelight conditions:

Dark green light

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%.