

:Zenith N555

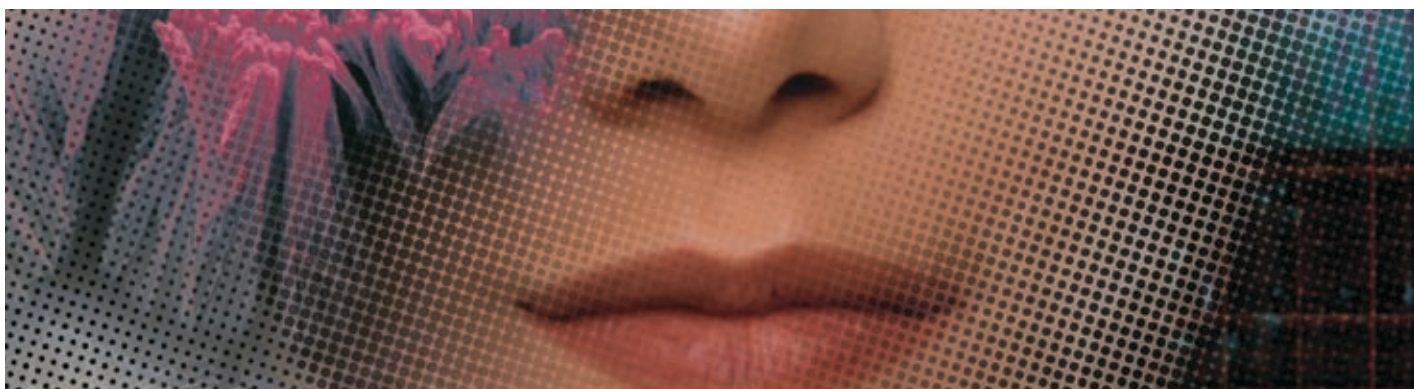
Analogue Plates

A robust, multi-purpose negative working printing plate.



:Zenith N555 for optimum press quality and performance over a wide range of press conditions.

A product of Agfa Graphics' unique plate manufacturing technology, :Zenith N555 offers an inherently wide press latitude, low water consumption and an easy ink/water balance with unparalleled consistency. The plate can be used for a variety of applications, from the largest newspaper or commercial web house to continuous stationery, packaging, metal printing or the smallest sheet fed printer.



Optimum quality and performance

- Rapid vacuum drawdown
- Short exposure time
- Reduced undercutting
- Fast and simple processing
- Low chemistry requirements
- Excellent print quality
- Consistent ink/water balance
- Easy plate cleaning

:Zenith N555

Technical Specifications

Plate type	• Electrochemically grained an anodized aluminium, with a diazo based coating
Gauges	• 0.15, 0.20, 0.24, 0.30, 0.40 mm
Imaging Resolution	• Approx. 2% - 97% at 150 lpi
Safelight	• Yellow/gold fluorescent tubes, window covered with UV-protection film
Exposure energy (Ugra solid 3, Stouffer solid 4)	• ~ 230mJ/cm ²
Image colour	• Dark green
Processor type	• All standard processors
Processing chemicals	• EN 232 / ND232 / Prima ND 500
Developer dwell time	• 16 ± 4 sec
Developer temperature	• 24°C ± 3
Developer consumption	• 40 m ² /l EN 232 or 45 m ² /l ND 500
Replenishment rate	• 30-50 ml/m ²
Ideal gum	• Newsfilm RC 794 • RC 975, RC791 or Unifin for commercial
Typical run length	• Newspaper 150K+ • Commercial 250K+ • With UV inks 250K+

Cross-section of :Zenith N555 negative plate (computer generated)

Unique graining and anodizing ensuring high quality results in the plateroom and the pressroom.

Micro-pigmentation on the coating provide the plate with excellent vacuum assist properties during film to plate exposure.

