

# :Zenith N555

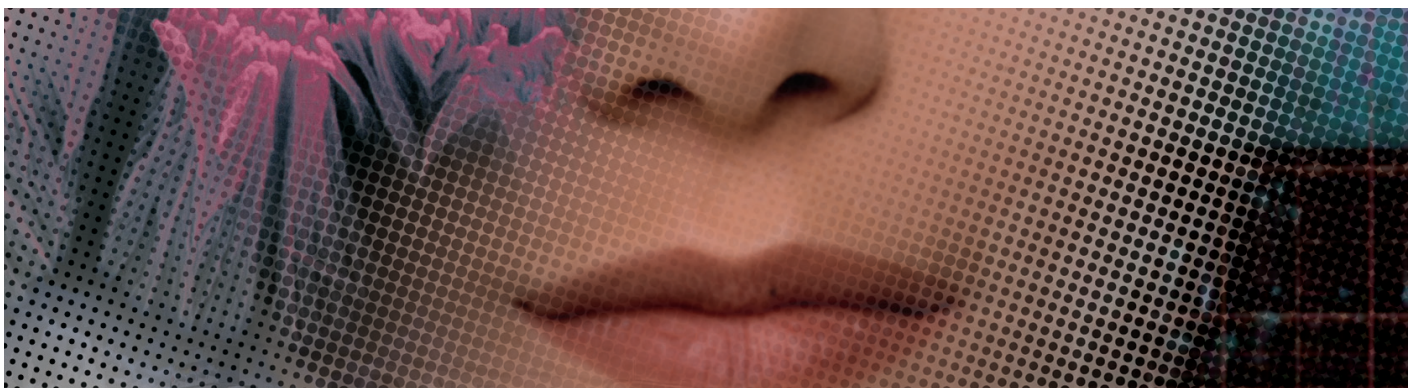
## Analogue Plates

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

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

