

A robust, multi-purpose negative working printing plate

:Zenith N555



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

A product of Agfa's 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.

:Zenith N555

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

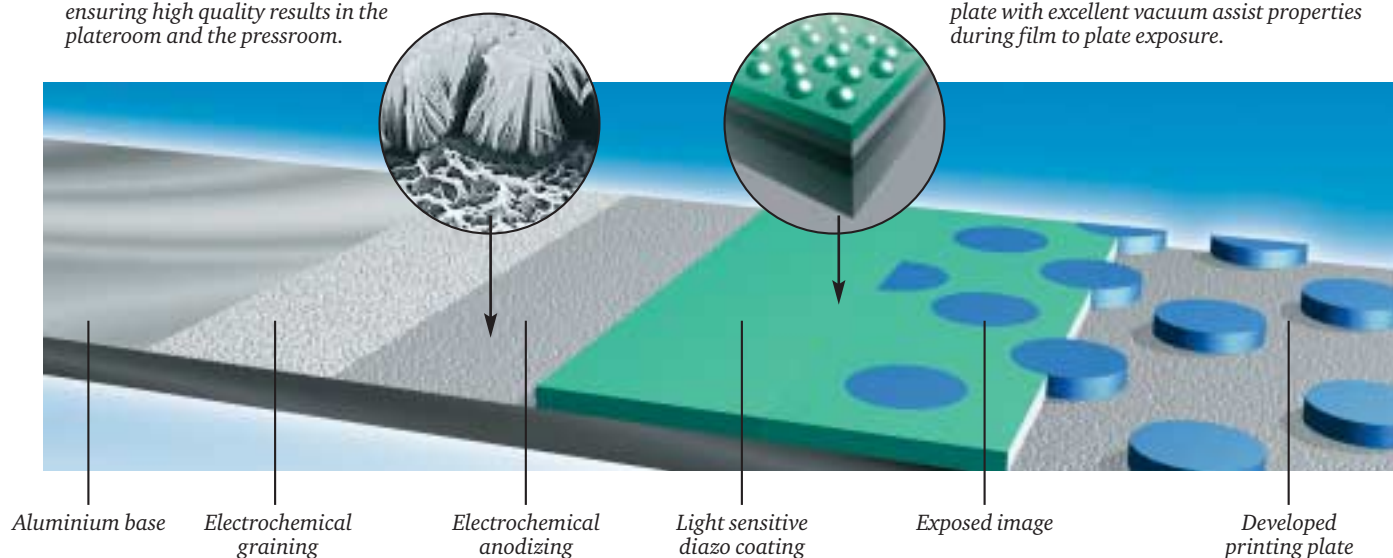
Technical specifications

Plate Type	Electrochemically grained 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 blue
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 100K+ Commercial 200K+

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.



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