

# TECHNICAL DATA SHEET

## Agfa n91v

### 30 mW Negative Working Photopolymer Violet Plates

**Application** n91v 30 mW negative working photopolymer violet aluminum plates are used in Computer-to-Plate Systems. This reliable, robust plate is ideal for commercial medium to long run sheetfed and offset printing.

**Features**

- Electrochemically grained and anodized for predictable plate performance
- High quality graining/anodizing for stable ink/water balance
- Super durable coating for press runs up to 250,000 unbaked and 500,000+ impressions when baked (provided plates are in calibration)
- Fast, accurate plate exposure with simple processing
- Wide exposure latitude

**Spectral Sensitivity** 405 nm violet laser light source, 30 mW

**Exposure** 50mJ/cm<sup>2</sup>

**Resolution** 3% - 97% at 200 lpi

**Exposure Energy** Stouffer 21 step wedge step 3, solid ghost 5;  
UGRA wedge step 2, solid 4 ghost

**Pre Heating** Required, ensures a harder, durable image for long press runs

**Developer & Finisher** PSD violet Developer - 75° F (24°C) for 35 seconds  
PSD violet Finisher

**Replenishment Rate:** 40ml per square meter

**Processor Speed** Up to 6.5 ft/min (2m/min)

**Working Conditions** Operating Temp: 73° ±3° F (23° ±2° C)  
50% ± 10% RH

**Safelight** Yellow-Gold Y-G 10

**Availability**

- Gauge - .008", .012" (.015" special order)
- Sizes – most standard sheetfed and web sizes available; special sizes available on request