

# Setprint Plus



## **Lower costs and greater efficiency with Agfa's computer-to-polyester plate**

Computer-to-plate technology requires a considerable investment, and significant change to your workflow. Now Agfa offers Setprint Plus — high-quality short-run polyester plate material that you can output with your current imagesetter. It's a low-cost, low-risk way to benefit from the advantages of a computer-to-plate workflow.

## **The highest quality polyester plate available**

Setprint Plus offers exceptional performance on press, requiring minimum adjustments to the press and normal make-ready. It's stable, easy to handle, durable, and scratch resistant. The exceptional accuracy and on-press performance of Setprint Plus make it suitable for a wide variety of short-run applications, including black-and-white, spot color, and four-color process work. No matter how you use Setprint Plus, you'll always get the same high-quality results.



# Setprint Plus

Setprint Plus offers you an economical, versatile approach to computer-to-plate.

Thousands of printers around the world already use Setprint Plus for a wide range of short-run applications — including financial documents, newsletters, promotional brochures, and more. Here's why you should join them:

## The right run length

The demand for short-run offset printing is increasing. Your clients want more customized, targeted print pieces. With Setprint Plus, you can print up to 20,000 impressions — all with the same high level of quality. It's the right run length for a wide range of applications.

## High-quality results

Setprint Plus provides the exceptional accuracy and on-press performance that enable it to provide high-quality printing up to 150 lpi. Setprint Plus has a broader screen dot range than any other polyester plate, achieving higher levels of quality on press.

## Exceptional durability

Setprint Plus represents a major advance in polyester plate design. Its newly engineered surface coating gives it lithographic characteristics similar to those of a metal plate. With exceptional ink/water balance, Setprint Plus offers excellent water receptivity and ink adherence. For easy, trouble-free use, its surface is stable and scratch resistant.

## New chemistry for greater consistency

New enhancements to the development chemistry further improve the metal-like performance of Setprint Plus. Because Setprint Plus chemicals are so stable, they last longer — providing consistent results for a longer period. Greater stability also results in fewer remakes. With less chemical consumption, you reduce waste and chemical collection costs.

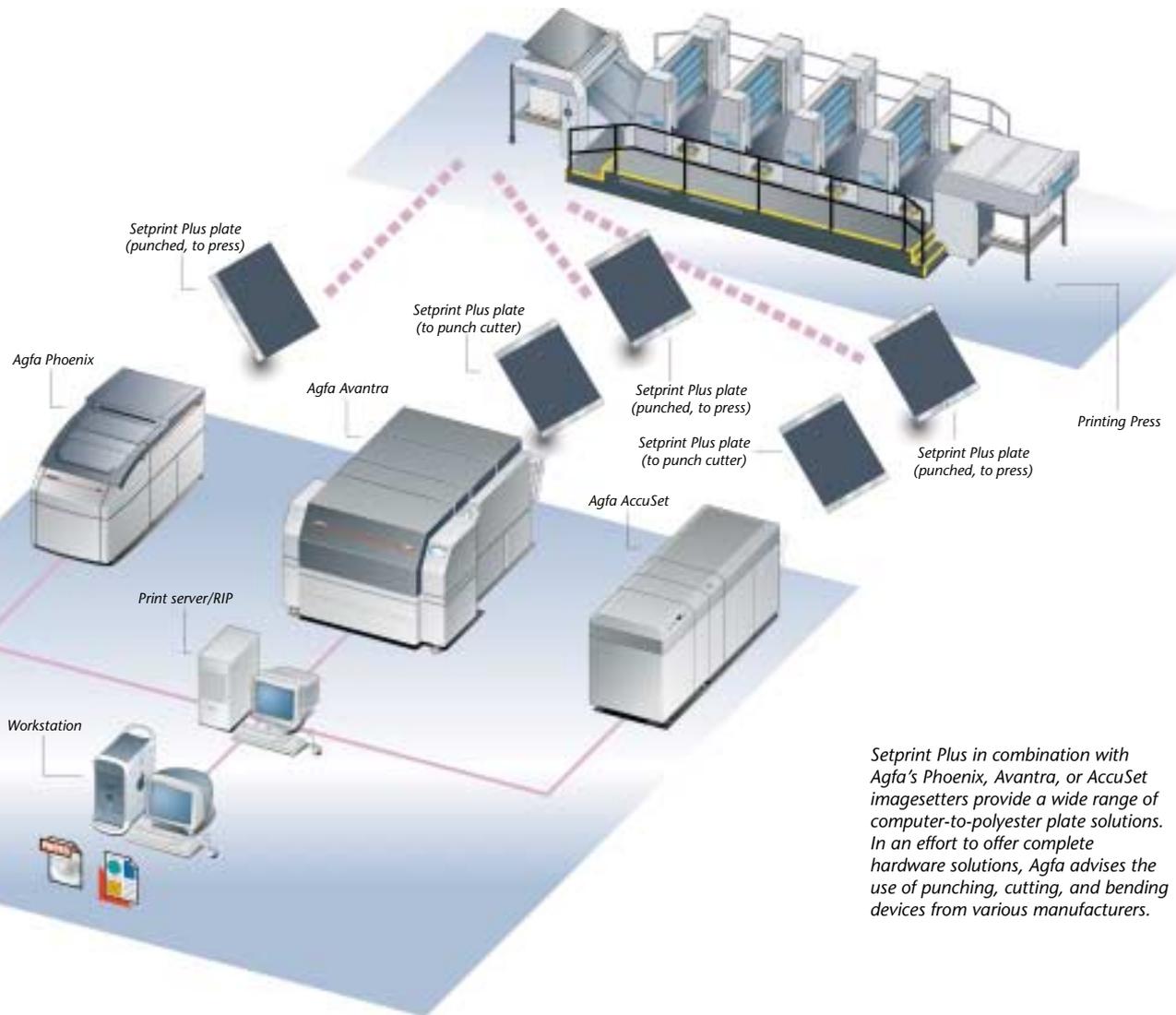
### **A plate designed for convenient, high-quality printing**

*Setprint Plus is designed for accurate short-run printing. Setprint Plus can image 150 line screen, and can print up to 20,000 impressions — making it right for a wider range of jobs in today's shorter-run marketplace.*

*A Setprint Plus configuration offers a low-risk, flexible way to begin to benefit from streamlined computer-to-plate output, while putting your all-digital workflow in place.*



## Agfa's computer-to-polyester plate solutions



*Setprint Plus in combination with Agfa's Phoenix, Avantra, or AccuSet imagesetters provide a wide range of computer-to-polyester plate solutions. In an effort to offer complete hardware solutions, Agfa advises the use of punching, cutting, and bending devices from various manufacturers.*

### **Easily integrated into your operation**

You can image Setprint Plus plates in any imagesetter using a red laser diode, red LED, or Helium Neon laser source. You can process them in almost any standard Rapid Access processor. With Setprint Plus, no additional hardware investment is needed.

### **Easy processing**

With its unusually wide exposure latitude, Setprint Plus is not susceptible to processing fluctuations that can cause dot gain or deterioration. So processing is simple, and requires virtually no monitoring. An advanced, high-contrast coating makes Setprint Plus plates easy to read and check — on or off the press.

### **Excellent press performance**

The true test of any plate is on press. Setprint Plus plates mount easily. You can use them on the same presses as metal plates — and with the same inks. Its advanced coating requires a minimum amount of fountain solution additive. Since press adjustments are insignificant, there is no risk of scratching or erosion from additives. And because Setprint Plus performs like a metal plate, you can mix metal to polyester plates on the same press — quickly and easily.

## Setprint product specifications

Feature	Setprint Plus — SET R 0.13 and 0.20
Plate type	Positive-working offset plate on a dimensionally stable polyester base for exposure in imagesetters
Gauges	<ul style="list-style-type: none"> <li>• 0.13, 0.20 mm (5 and 8 mil) setting on the press</li> <li>• 0.10, 0.175 mm polyester base</li> </ul>
Assortment	Roll media in a variety of widths to fit most common presses
Spectral sensitivity	Red sensitive (630 – 670 nm)
Exposure control	Agfa expodi wedge
Resolution	5 – 95 percent at 150 lpi
Image color	Blue on black background
Processing steps	Rapid access processor with an activator and a stabilizer
Development, finishing	<ul style="list-style-type: none"> <li>• Activator: G 5200 b</li> <li>• Stabilizer: G 5400 b</li> <li>• Fountain: G 671 c, G648 c</li> <li>• Antitone additive: G 641 AD</li> <li>• Corrections: G 5612 b deletion pen, G5640 b addition pen</li> <li>• Plate cleaner: G642 b</li> </ul>
Processor speed	20 second development time
Temperature	<ul style="list-style-type: none"> <li>• Activator 30°C, ± 5°C</li> <li>• Stabilizer at room temperature</li> </ul>
Bath life	2 to 6 weeks depending on volume
Replenishment rate	120 ml/m <sup>2</sup> for activator and stabilizer
Lighting conditions	Most confections are daylight loading
Storage conditions	<ul style="list-style-type: none"> <li>• Prior to processing — usable 24 months after manufacturing date, store below 20°C</li> <li>• After processing — usable several months if plates are protected from light and high relative humidity</li> </ul>
Run length*	20,000

\* Depending on press conditions

Every day, more pages are imaged on Agfa plates than any other type of plate. Agfa offers the broadest line of plates in the industry, including polyester (Setprint Plus), thermal non-ablative processless (Thermolite), thermal-ablative processless (Mistral™), thermal (Thermostar™), silver-halide (Lithostar™ Ultra), and photopolymer (N91™). So you can choose the Agfa plate that meets your quality and run length requirements. To extend our plate leadership, we continually push the boundaries of consistency and quality with new plate technologies.

### The world's choice for computer-to-plate solutions

Only Agfa offers the full range of platesetters, plates, processors, RIPs, screening technologies, digital proofing solutions, workflow expertise, and other prepress systems and consumables necessary for your success. For complete, high-quality platesetting solutions that give you a choice, look to Agfa — the world leader in computer-to-plate technology and expertise.

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Internet address:  
www.agfahome.com  
www.agfa1to1.com

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