

- Upon request available in FSC quality.

## Properties

### CAD/GIS

Plotter paper for laser and inkjet plotters (LF P) and colour CAD plots + GIS. Perfect for high contrast at midrange resolution. Very good wet smear resistance! Both sides printable! Ideal all-round paper for everyday use. The surface treatment guarantees very good results for both lines and solid area plots. It does not bleed and dries immediately. Pigmented ink (black) adheres to the surface very well and is immediately smear resistant. This greatly facilitates subsequent processing (folding). The extra-white finish guarantees top contrast.

### Transactional/transpromotional printing

Z-Plot 650 is the ideal paper for four-colour transactional and transpromotional printing and for direct-mail applications. Z-Plot 650 is compatible with all high-performance inkjet printing equipment using pigmented or dye-based ink systems. Inkjet printing is immediately resistant to water and smearing and can therefore be processed further without waiting. The excellent processing properties of Z-Plot 650 guarantee its problem-free use along the entire value-added chain.

## Applications

- Offset printability
- Laser printers (reels)
- Inkjet (mono)
- Inkjet (colour)
- Copiers (mono)
- Copiers (colour)
- Thermal transfer
- Flexo printing
- Handwriting pen/Nylon pen

see processing information

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## Special features

- Large-format copiers
- Colour copiers
- High-performance 4-colour inkjet printing

## Special approvals

- Kodak Versamark certificate (VL2000)
- Screen Truepress 520
- IBM InfoPrint 5000
- Pitney Bowes
- Impika 600
- Océ Jetstream 1100/2200

## Features

- Excellent brightness
- High contrast
- Outstanding colour density
- Excellent brilliance
- Very good opacity
- Special calendaring
- Suitable for laminating
- Both sides printable
- Sharp contours and lines
- Wet smear resistant
- Rapid drying
- No dry rub-off with pigmented inks

## Special norms fulfilled

Quality assurance system/Security system  
Aging properties  
Other

ISO 9001:2008/OHSAS 18001:2007  
ANSI/NISO Z.39.48-1992, ISO 9706-1994, DIN 6738-1992  
BfR XXXVI (analysis for the conformity with the demands on food contact Materials)

## Environment programs

Forest certifications  
Environmental quality systems  
Pulp quality  
Sizing

ISO 14000, FSC 024310  
ISO 14001:2004, FSC SQS-COC-024310, EMAS  
ECF/TCF pulp, wood-free  
acid-free, neutral sizing

## Physical properties

Grammage  
Thickness  
Smoothness (Parker Print Surf)  
Brightness  
CIE-Whitness  
Ash content  
Opacity  
Surface pH value  
Relative humidity

**Unit**  
gsm  
µm  
µm  
%  
%  
%  
%  
%  
%

### Value

90 ± 2  
105 value as experience shows  
4.50 ± 0.5  
111.5 ± 1  
165 value as experience shows  
12.0 ± 1  
95 value as experience shows  
7.3 ± 0.5  
40 ± 4

### Standard

ISO 536  
ISO 534  
ISO 8791/4  
DIN 53145  
ISO 11475  
ISO 2144  
DIN 53146  
SVI-EMPA 12  
ISO 287

## User tips

Temperature 20 ± 3 °C  
Relative humidity 50 ± 5 %

## Processing

Adhesive laminating \*  
Aluminium laminating \*\*

## Legend

\*\*\*\*excellent \*\*\*very good \*\*good \*adequate - no details

Subject to alteration at any time as a result of technical improvements. Status: 10.2014