

- 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. Ink 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

- 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

80 ± 2  
 95 value as experience shows  
 4.50 ± 0.5  
 111.5 ± 1  
 165 value as experience shows  
 12.0 ± 1  
 94 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