

**Z-Plot 450 / Z-Plot 450 Marke 450**
**56 gsm**


- Upon request available in FSC quality and CO<sub>2</sub> neutral

### Properties

Plotter paper for laser and inkjet plotters (LFP); for high-contrast plots at both the beginning and end phase. The 56 gsm weight is the ideal paper for adhesive labels and fast test plots.

This fully-sized ultra-opaque paper provides very good results in all black-and-white plots and for coloured lines. Z-Plot 450 is also suitable for laser plotters and plan copiers (PPC). The extra-white finish ensures a very high contrast. Its fine surface and excellent opacity differentiate Z-Plot 450 from standard mono-opaque papers.

### Applications

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

### Special features

- Base paper for contact adhesive laminates

### Special approvals

### Features

- high brightness
- high opacity
- special calendaring
- excellent contrast
- outstanding colour density (monochrome)
- suitable for laminating
- sharp line quality

### 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 Whiteness  
  
Opacity  
Ash content  
Surface pH value  
Relative humidity  
Tensile strength with grain  
Tensile strength cross grain

Unit	Value	Standard
gsm	56 ± 3	ISO 536
µm	65 ± 5	ISO 534
µm	4.00 ± 0.5	ISO 8791/4
%	111.5 ± 1	DIN 53145
%	165 value as experience shows	ISO 11475
%	> 88.0	DIN 53146
%	10.0 ± 1	ISO 2144
%	7.3 ± 0.5	SVI-EMPA 12
%	33 ± 5	ISO 287
N	> 50	ISO 1924/2
N	> 30	ISO 1924/2

### 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: 10.2010



www.zieglerpapier.com