

Z-Plot 450/ Z-Laser Color 90 gsm



- Upon request available in FSC quality and CO₂ 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 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

- Large-format copiers
- Colour copiers

Special approvals

- OCR certificate (DIN6723)
- CBS2
- Matti Data Runner Mark I 980
- (hybrid: 4color offset-and inkjetprinting for direct mailings)

Features

- high brightness
- high opacity
- special calendering
- excellent contrast
- outstanding colour density (monochrome)
- both sides printable
- suitable for laminating
- sharp line quality

Special norms fulfilled

Quality assurance system/Security system
Aging resistance
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 certification
Environmental quality systems
Pulp quality
Production

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	Value	Standard
gsm	90 ± 2	ISO 536
µm	110 value as experience shows	ISO 534
µm	4.50 ± 0.5	ISO 8791/4
%	111.5 ± 1	DIN 53145
%	165 value as experience shows	ISO 11475
%	10.0 ± 1	ISO 2144
%	95 value as experience shows	DIN 53146
%	7.3 ± 0.5	SVI-EMPA 12
%	33 ± 5	ISO 287

User tips

Operating 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: 02.2011