

Z-Plot 450 / Z-Plot 450 Marke 450
56 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 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 calendering
- excellent contrast
- outstanding colour density (monochrome)
- suitable for laminating
- sharp line quality

Special norms fulfilled

Quality assurance system/Security system
 Aging properties
 Other

ISO 9001:2000/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, EMAS or FSC
 ISO 14001:2004, FSC SGS-COC-24310
 ECF pulp, wood-free
 acid-free, neutral sizing

Physical properties

Grammage
 Thickness
 Smoothness (Parker Print Surf)
 Brightness
 CIE Whitiness

 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 ± 0.25	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