

Z-Plot 450

56 gsm



- Upon request available in FSC quality.

Properties

Laser and inkjet printing

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

PPC

This fully-sized uncoated 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). Plots can be made on both sides with equally good results. The extra-white finish ensures very high contrast. Its fine surface differentiates Z-Plot 450 from standard mono-opaque papers.

Hybrid application

Four-colour offset prints combined with four-colour high-performance inkjet printing. Outstanding performance for offset printing with excellent colour density and perfect drop size for high-speed inkjet printing up to 150 metres per minute.

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

- Excellent brightness
- Extraordinary opacity
- Special calendaring
- High 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 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
%	11.0 ± 1	ISO 2144
	7.3 ± 0.5	SVI-EMPA 12
%	35 ± 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: 27.08.2014



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