



- Upon request available in FSC quality and CO₂ neutral

Properties

Super-white offset paper for demanding applications. 110 gsm for outdoor posters.

Z-Offset is renowned for its consistently high level of quality, whiteness, opacity and bulk. Accurate cutting and a precise surface structure guarantee outstanding processing on all offset printing machines. The same paper is designated Z-Mail Supra, is perfect for conversion into envelopes due to excellent sizing, superior printability and high level of opacity. All weights in White-Line are the same shade so it is always possible to combine content and envelope for a perfect match. Z-Offset in 300 and 400 gsm weights is bonded.

Application

- Offset printability ****
- Laser Printer (reels) -
- Ink-Jet *
- Copier (mono) -
- Copier (color) -
- Thermal transfer -
- Flexo Print ****
- Hand writing pen / Nylon tip **

Special features

- envelope paper

Special approvals

Features

- constant high-grade quality
- high brightness
- high opacity
- high volume

Special norms fulfilled

Quality assurance system/Security system
Aging properties
Others

ISO 9001:2008/18001:2007
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 system
Pulp Quality
Sizing

ISO 14000, FSC 024310
ISO 14001:2004, FSC-SQS-COC-024310, EMAS
ECF/TCF pulp, woodfree
acid-free, neutral sizing

Physical properties

Grammage
Thickness
Smoothness (Parker Print-Surf)
Brightness
CIE-Whiteness

Opacity
Ash content
Surface pH-Value
Relative humidity

	Value	Control methods
gsm	140 ± 2	ISO 536
µm	185 ± 5	ISO 534
µm	5,25 ± 0,5	ISO 8791/4
%	111,5 ± 1	DIN 53145
%	165 value as experience shows	ISO 11475
%	> 98	DIN 53146
%	12 ± 1	ISO 2144
%	7,3 ± 0,5	SVI-EMPA 12
%	45 ± 5	ISO 287

User tips

Temperature 20 ± 3 °C
Relative humidity 50 ± 5 %

Processing

Adhesive laminating **
Aluminium laminating *

Legende

****super ***excellent **good *adequate -no information