

Z-Offset | Z-Mail Supra
400 gsm

On request only

- 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. A special grade produced in 110 gsm is suitable for outdoor poster applications and is particularly resistant to water and moisture. 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
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 9001:2000/18001:2007
 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, EMAS or FSC
 ISO 14001:2004, FSC-SQS-COC-24310
 ECF pulp, woodfree
 acid-free, neutral sizing

Physical properties

		Value	Control methods
Grammage	gsm	405 ± 5	ISO 536
Thickness	µm	475 value as experience shows	ISO 534
Smoothness (Parker Print-Surf)	µm	5,25 ± 0,25	ISO 8791/4
Brightness	%	111,5 ± 1	DIN 53145
CIE-Whiteness	%	165 value as experience shows	ISO 11475
Ash content	%	6,5 ± 1	ISO 2144
Opacity	%	100 value as experience shows	DIN 53146
Surface pH-Value		7,3 ± 0,5	SVI-EMPA 12
Relative humidity	%	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