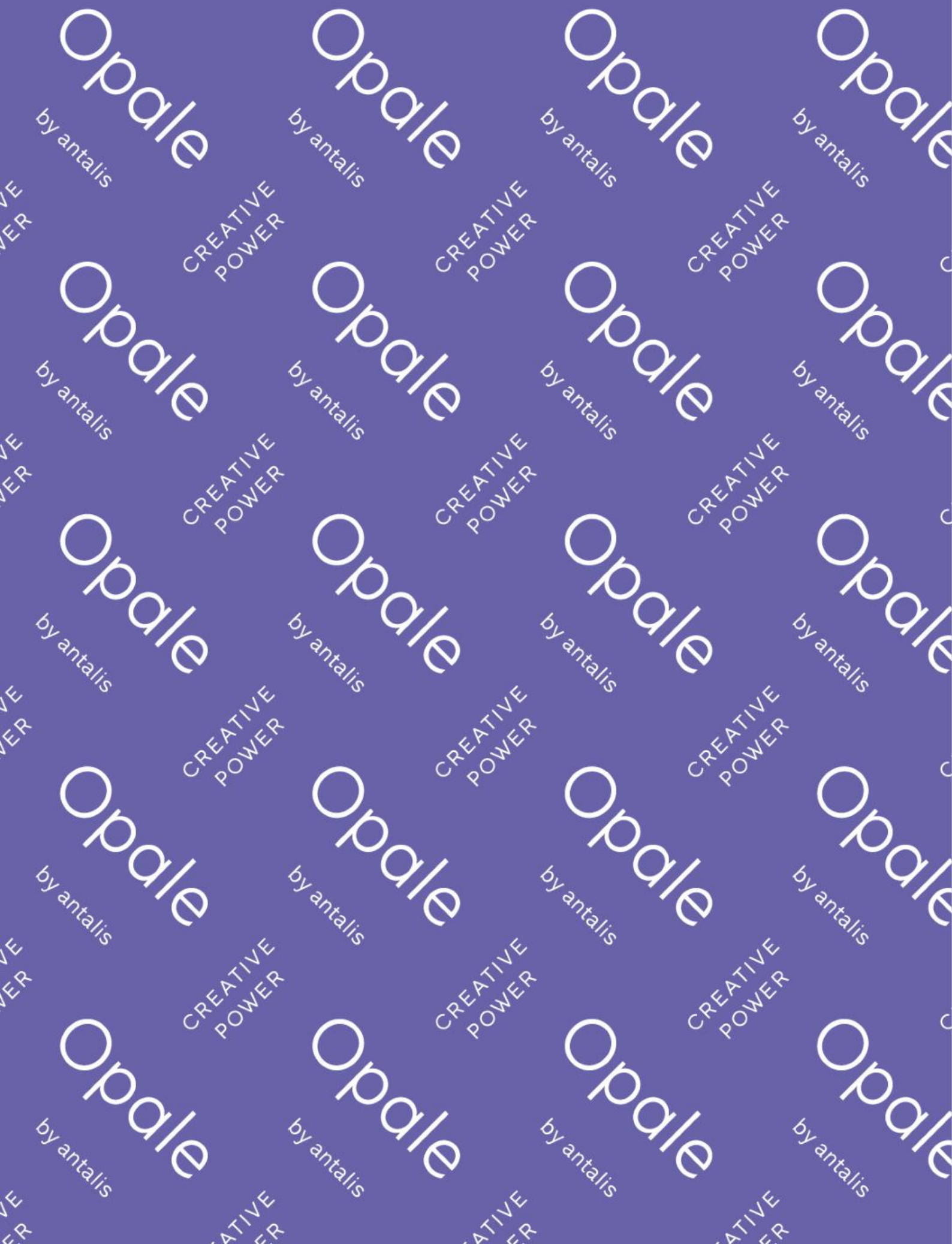
Opale
by antalis
CREATIVE
POWER

January 2024

With its Wove and Fabric finishes and 2 shades of white, Opale offers the smoothest contemporary papers for high-quality stationery.

For more elegance and distinction, Opale is also available watermarked

Printing Guidelines

Screen Ruling
A screen of 133-150 lpi should be used. Finer screens up to a maximum of 200 lpi can give good results with careful ink density control. For dark 4 colour images with high ink density, under colour removal may be required depending on the visuals. This will also help reduce drying time.

Printing Inks
Conventional, positive drying inks should be used with or without infer red drying assistance. UV inks also be used. Avoid using overnight / stay fresh / duct stable inks. Allow sufficient drying time. Consult your ink supplier about specific projects to ensure ink suitability.

Printing inks
Conventional positive drying inks should be used with or without infra-red drying assistance. Oxidizing inks or UV inks may also be used. Avoid using overnight / stay fresh / duct stable inks. Allow sufficient drying time. Use laser stable inks for subsequent laser printing. Consult your ink supplier about specific projects to ensure ink suitability.

Paper handling
To avoid marking and set-off when printing multiple colours, 35µ anti set-off spay for boards and 20µ for paper weights are recommended. Turn off the delivery stack jogger and restrict the delivery pile when printing boards. Always protect paper from environmental humidity and temperature changes by using stack cover or stretch wrap.

Varnishing
To achieve a gloss varnish, it is essential to pre-seal the surface. Silk screen matt UV varnish should be used first, followed by subsequent applications of gloss UV varnish to achieve the desired effect. Ensure suitable inks are used prior to varnishing and that the inks are completely dry before varnish application. Not recommended for paper weight.

Blind Embossing
All finishes can be blind embossed. For subsequent laser printing, we recommend a shallow emboss to allow good feeding and to avoid damaging the emboss.

Laser Cutting
While laser cutting is easy, some scorching will be apparent around the cut area. Laser cut papers are more prone to miss feeds and jams within office printing technologies.

Hot Foil Blocking
All finishes can be foil blocked. Foil blockers can recommend the best foil for the image and the paper choice.

Folding and Creasing
To guarantee good result, prior creasing is recommended. Creases should be made parallel too the grain of the board. For best result, a creasing rule and matrix system should be used. Fold into the bead for prominent folds.

ISO 14001 ISO 9001

pH NEUTRAL FSC www.fsc.org MIX Paper from responsible sources FSC® C101533

Technical Data Sheet

OPALE

January 2024

WOVE PURE WHITE

Property & Unit	Standard					
GSM	ISO 536	90	100	120	200	300
Caliper (µm)	EN 20534	100	110	130	220	320
Moisture (%)	EN 20287	6.8				
Smoothness Beck TS/WS (s)	DIN 53107	70 / 75	70 / 75	70 / 75	40	40
Opacity (%)	DIN 53146	90	92	94.5	-	-
Cobb 10 TS/WS (g/m²)	DIN 53132	17				
Optical Brightness (%)	DIN 53145	114.5				

These values are to be considered only as indications and are subject to change according to trade tolerances in the quality specification. Issue date: July 2023

ISO 14001

ISO 9001

pH NEUTRAL

FSC www.fsc.org MIX Paper from responsible sources FSC® C101533

CREATIVE POWER

by antalis

Technical Data Sheet

OPALE

January 2024

WOVE NATURAL

Property & Unit	Standard			
GSM	ISO 536	**90**	**100**	**200**
Caliper (µm)	EN 20534	100	110	220
Moisture (%)	EN 20287	6.8		
Smoothness Beck TS/WS (s)	DIN 53107	70 / 75	70 / 75	40
Opacity (%)	DIN 53146	90	92	-
Cobb 10 TS/WS (g/m²)	DIN 53132	17		
Optical Brightness (%)	DIN 53145	87.8		

These values are to be considered only as indications and are subject to change according to trade tolerances in the quality specification. Issue date: July 2023

ISO 14001

ISO 9001

pH NEUTRAL

FSC www.fsc.org MIX Paper from responsible sources FSC® C101533

CREATIVE POWER

by antalis

Technical Data Sheet

OPALE

January 2024

FABRIC PURE WHITE

Property & Unit	Standard				
GSM	ISO 536	100	120	200	300
Caliper (µm)	EN 20534	125	145	240	330
Moisture (%)	EN 20287	N/A			
Smoothness Beck TS/WS (s)	DIN 53107	N/A	N/A	N/A	N/A
Opacity (%)	DIN 53146	92	94.5	-	-
Cobb 10 TS/WS (g/m²)	DIN 53132	N/A			
Optical Brightness (%)	DIN 53145	114.5			

These values are to be considered only as indications and are subject to change according to trade tolerances in the quality specification. Issue date: July 2023

ISO 14001

ISO 9001

pH NEUTRAL

FSC www.fsc.org MIX Paper from responsible sources FSC® C101533

CREATIVE POWER

by antalis