

# UNIQ

Holmen UNIQ comes with a brightness, a smooth surface, and an opacity that is unmatched in low grammages. It's also a climate-smart paper choice, originating from sustainably managed Swedish forests.

## TECHNICAL DATA

Target values subject to production variations. Updates will be done continuously.

Target value	Grammage g/m <sup>2</sup>	Brightness % ISO	Bulk cm <sup>3</sup> /g	Smoothness PPS 1 MPa µm	Gloss 75°	a* C/2°	b* C/2	Opacity %
<b>Holmen UNIQ</b>	*37	65	1.1	1.6	38	-0.1	1.8	88
	39	69	1.1	1.6	38	-0.1	1.8	89
	43	70	1.1	1.6	38	-0.3	2.7	91
	47	70	1.1	1.6	38	-0.3	2.7	89
	50	70	1.1	1.6	38	-0.3	2.7	90
<b>Holmen UNIQ Extra</b>	*43	70	1.1	1.5	45	-0.3	2.7	89
	47	70	1.1	1.5	45	-0.3	2.7	91

Printing methods: Heatset and Gravure  
\*Available depending on trim.

Updated: 2021-08-20

### Environment

ISO 14001, FSC® C020071, PEFC /05-33-134 and EU Ecolabel, Reach.

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## PRINTING RECOMMENDATIONS

### Heatset

Print order	KCMY
Ink	SC or MF ink
Characteristic data	FOGRA 40
ICC-profile	SC_paper_eci.icc
Screen ruling	133-150 lpi
Max tone value	260-280%

### Gravure

Ink	Standard ink
Varnish	Standard
ICC-profile	PSR_SC_Plus_v2_PT.icc
Screen ruling	172 lpi
Max tone value	280-340%

### Recommended paper type and dot gain curve in line with ISO 12647-2 2013

Paper type	6
Dot gain curve	C

### L\* a\* b\* guideline values

ISO 13655 D50 2° M1

### Measuring instrument

Techkon SpectroDens LED Premium

### L\* a\* b\* target values D50

	L*	a*	b*	Fluorescence
Paper type 6 white Background	90+/-3	0+/-2	3+/-2	
Holmen UNIQ 39gsm	87	0.9	2.8	None
Holmen UNIQ 43-50gsm	88	0.6	2.8	None