

**Technical Data Sheet**


# ML 9085

Description	Print	Applications
ML **85 is a range of matt coated, high resolution inkjet papers with best price-performance ratio. Available as ML 9085, ML 1285, ML 1485, ML 1685 and ML 1885.	universally printable with all common > dye inks > pigmented inks	> designed for high resolution graphics like presentations, statistics, poster or picture printing

Properties	Value	Unit	Test Method
Substance	85 ± 4	g/sqm	ISO 536
Thickness	110 ± 6	µm	ISO 534
Opacity	89 ± 3	%	ISO 2471
Stiffness md	6 ± 4	mN	ISO 2493
Stiffness cd	3 ± 2	mN	ISO 2493
Smoothness (fs)	> 10	sec	ISO 5627
CIE Whiteness (fs)	148 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	3.0 ± 1		ISO 5631-2
b*	-12.6 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4, A3, A3+ > ISO 9001
Plotter roll sizes	24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 9706
Standard jumbo roll length	6 000 m > ISO 14001
High Speed inkjet	> ISO 50001
Sample roll size	> FSC® Mix > PEFC™

Additional sizes and dimensions on request

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

March 2023, subject to alterations

**Technical Data Sheet**


# ML 1285

Description	Print	Applications
ML **85 is a range of matt coated, high resolution inkjet papers with best price-performance ratio. Available as ML 9085, ML 1285, ML 1485, ML 1685 and ML 1885.	universally printable with all common > dye inks > pigmented inks	> designed for high resolution graphics like presentations, statistics, poster or picture printing

Properties	Value	Unit	Test Method
Substance	116 ± 5	g/sqm	ISO 536
Thickness	155 ± 8	µm	ISO 534
Opacity	93 ± 3	%	ISO 2471
Stiffness md	14 ± 5	mN	ISO 2493
Stiffness cd	7 ± 4	mN	ISO 2493
Smoothness (fs)	> 5	sec	ISO 5627
CIE Whiteness (fs)	148 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	3.0 ± 1		ISO 5631-2
b*	-12.6 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4, A3, A3+ > ISO 9001
Plotter roll sizes	24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 9706
Standard jumbo roll length	4 400 m > ISO 14001
High Speed inkjet	> ISO 50001
Sample roll size	> FSC® Mix > PEFC™

Additional sizes and dimensions on request

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March 2023, subject to alterations

**Technical Data Sheet**


# ML 1485

Description	Print	Applications
ML **85 is a range of matt coated, high resolution inkjet papers with best price-performance ratio. Available as ML 9085, ML 1285, ML 1485, ML 1685 and ML 1885.	universally printable with all common > dye inks > pigmented inks	> designed for high resolution graphics like presentations, statistics, poster or picture printing

Properties	Value	Unit	Test Method
Substance	133 ± 5	g/sqm	ISO 536
Thickness	180 ± 10	µm	ISO 534
Opacity	95 ± 3	%	ISO 2471
Stiffness md	20 ± 5	mN	ISO 2493
Stiffness cd	10 ± 4	mN	ISO 2493
Smoothness (fs)	> 5	sec	ISO 5627
CIE Whiteness (fs)	148 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	3.0 ± 1		ISO 5631-2
b*	-12.6 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4, A3, A3+ > ISO 9001
Plotter roll sizes	24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 9706
Standard jumbo roll length	4 000 m > ISO 14001
High Speed inkjet	> ISO 50001
Sample roll size	> FSC® Mix > PEFC™

Additional sizes and dimensions on request

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March 2023, subject to alterations

**Technical Data Sheet**


# ML 1685

Description	Print	Applications
ML **85 is a range of matt coated, high resolution inkjet papers with best price-performance ratio. Available as ML 9085, ML 1285, ML 1485, ML 1685 and ML 1885.	universally printable with all common > dye inks > pigmented inks	> designed for high resolution graphics like presentations, statistics, poster or picture printing

Properties	Value	Unit	Test Method
Substance	160 ± 6	g/sqm	ISO 536
Thickness	210 ± 10	µm	ISO 534
Opacity	96 ± 3	%	ISO 2471
Stiffness md	40 ± 8	mN	ISO 2493
Stiffness cd	19 ± 5	mN	ISO 2493
Smoothness (fs)	> 5	sec	ISO 5627
CIE Whiteness (fs)	148 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	3.0 ± 1		ISO 5631-2
b*	-12.6 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4, A3, A3+ > ISO 9001
Plotter roll sizes	24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 9706
Standard jumbo roll length	3 800 m > ISO 14001
High Speed inkjet	> ISO 50001
Sample roll size	> FSC® Mix > PEFC™

Additional sizes and dimensions on request

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**Technical Data Sheet**


# ML 1885

Description	Print	Applications
ML **85 is a range of matt coated, high resolution inkjet papers with best price-performance ratio. Available as ML 9085, ML 1285, ML 1485, ML 1685 and ML 1885.	universally printable with all common > dye inks > pigmented inks	> designed for high resolution graphics like presentations, statistics, poster or picture printing

Properties	Value	Unit	Test Method
Substance	182 ± 8	g/sqm	ISO 536
Thickness	244 ± 10	µm	ISO 534
Opacity	98 ± 2	%	ISO 2471
Stiffness md	55 ± 10	mN	ISO 2493
Stiffness cd	25 ± 5	mN	ISO 2493
Smoothness (fs)	> 5	sec	ISO 5627
CIE Whiteness (fs)	148 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	3.0 ± 1		ISO 5631-2
b*	-12.6 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4, A3, A3+ > ISO 9001
Plotter roll sizes	24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 9706
Standard jumbo roll length	3 400 m > ISO 14001
High Speed inkjet	> ISO 50001
Sample roll size	> FSC® Mix > PEFC™

Additional sizes and dimensions on request

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**Technical Data Sheet**


# MH 7086 L

Description	Print	Applications
MH 7086 L is a premium matt coated inkjet paper and also available as a 89 gsm version (MH 9086 L).	universally printable with all common > dye inks > pigmented inks	> designed for high quality label applications

Properties	Value	Unit	Test Method
Substance	70 ± 3	g/sqm	ISO 536
Thickness	94 ± 5	µm	ISO 534
Opacity	84 ± 3	%	ISO 2471
Stiffness md	5 ± 2	mN	ISO 2493
Stiffness cd	3 ± 2	mN	ISO 2493
Smoothness (fs)	> 20	sec	ISO 5627
CIE Whiteness (fs)	156 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	4.0 ± 1		ISO 5631-2
b*	-15.0 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4 > ISO 9001
Plotter roll sizes	> ISO 14001
Standard jumbo roll length	8 000 m > ISO 50001
High Speed inkjet	> FSC® Mix
Sample roll size	> PEFC™

Additional sizes and dimensions on request

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March 2023, subject to alterations

**Technical Data Sheet**


# MH 9086

Description	Print	Applications
MH 9086 is a premium matt coated inkjet papers. Available weights from 70 to 228 gsm.	universally printable with all common > dye inks > pigmented inks > latex inks	> designed for all full colour applications and photos > best for photorealistic printouts in premium-quality

Properties	Value	Unit	Test Method
Substance	89 ± 4	g/sqm	ISO 536
Thickness	120 ± 6	µm	ISO 534
Opacity	90 ± 3	%	ISO 2471
Stiffness md	7 ± 3	mN	ISO 2493
Stiffness cd	3 ± 2	mN	ISO 2493
Smoothness (fs)	> 10	sec	ISO 5627
CIE Whiteness (fs)	156 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	4.0 ± 1		ISO 5631-2
b*	-15.0 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	> ISO 9001
Plotter roll sizes	> ISO 14001
Standard jumbo roll length	> ISO 50001
High Speed inkjet	> FSC® Mix
Sample roll size	> PEFC™

Additional sizes and dimensions on request

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March 2023, subject to alterations

**Technical Data Sheet**


# MH 9086 L

Description	Print	Applications
MH 9086 L is a premium matt coated inkjet paper and also available as a 70 gsm version (MH 7086 L).	universally printable with all common <ul style="list-style-type: none"> <li>&gt; dye inks</li> <li>&gt; pigmented inks</li> </ul>	> designed for high quality label applications

Properties	Value	Unit	Test Method
Substance	89 ± 4	g/sqm	ISO 536
Thickness	111 ± 6	µm	ISO 534
Opacity	90 ± 3	%	ISO 2471
Stiffness md	6 ± 3	mN	ISO 2493
Stiffness cd	3 ± 2	mN	ISO 2493
Smoothness (fs)	> 20	sec	ISO 5627
CIE Whiteness (fs)	156 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	4.0 ± 1		ISO 5631-2
b*	-15.0 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4 > ISO 9001
Plotter roll sizes	> ISO 14001
Standard jumbo roll length	6 000 m > ISO 50001
High Speed inkjet	> FSC® Mix
Sample roll size	> PEFC™

Additional sizes and dimensions on request

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March 2023, subject to alterations



**Technical Data Sheet**


# MH 1086

Description	Print	Applications
MH 1086 is a premium matt coated inkjet papers. Available weights from 70 to 228 gsm.	universally printable with all common <ul style="list-style-type: none"> <li>&gt; dye inks</li> <li>&gt; pigmented inks</li> <li>&gt; latex inks</li> </ul>	<ul style="list-style-type: none"> <li>&gt; designed for all full colour applications and photos</li> <li>&gt; best for photorealistic printouts in premium-quality</li> </ul>

Properties	Value	Unit	Test Method
Substance	106 ± 5	g/sqm	ISO 536
Thickness	145 ± 7	µm	ISO 534
Opacity	92 ± 3	%	ISO 2471
Stiffness md	9 ± 4	mN	ISO 2493
Stiffness cd	5 ± 2	mN	ISO 2493
Smoothness (fs)	> 10	sec	ISO 5627
CIE Whiteness (fs)	156 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	4.0 ± 1		ISO 5631-2
b*	-15.0 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4, A3, A3+ > ISO 9001
Plotter roll sizes	24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 14001
Standard jumbo roll length	5 000 m > ISO 50001
High Speed inkjet	> FSC® Mix
Sample roll size	> PEFC™

Additional sizes and dimensions on request

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March 2023, subject to alterations

**Technical Data Sheet**


# MH 1286

Description	Print	Applications
MH 1286 is a premium matt coated inkjet papers. Available weights from 70 to 228 gsm.	universally printable with all common > dye inks > pigmented inks > latex inks	> designed for all full colour applications and photos > best for photorealistic printouts in premium-quality

Properties	Value	Unit	Test Method
Substance	119 ± 5	g/sqm	ISO 536
Thickness	165 ± 8	µm	ISO 534
Opacity	94 ± 3	%	ISO 2471
Stiffness md	14 ± 5	mN	ISO 2493
Stiffness cd	7 ± 3	mN	ISO 2493
Smoothness (fs)	> 10	sec	ISO 5627
CIE Whiteness (fs)	156 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	4.0 ± 1		ISO 5631-2
b*	-15.0 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	> ISO 9001
Plotter roll sizes	> ISO 14001
Standard jumbo roll length	> ISO 50001
High Speed inkjet	> FSC® Mix
Sample roll size	> PEFC™

Additional sizes and dimensions on request

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March 2023, subject to alterations

**Technical Data Sheet**


# MH 1486

Description	Print	Applications
MH 1486 is a premium matt coated inkjet papers. Available weights from 70 to 228 gsm.	universally printable with all common > dye inks > pigmented inks > latex inks	> designed for all full colour applications and photos > best for photorealistic printouts in premium-quality

Properties	Value	Unit	Test Method
Substance	136 ± 5	g/sqm	ISO 536
Thickness	185 ± 9	µm	ISO 534
Opacity	95 ± 3	%	ISO 2471
Stiffness md	20 ± 5	mN	ISO 2493
Stiffness cd	10 ± 4	mN	ISO 2493
Smoothness (fs)	> 10	sec	ISO 5627
CIE Whiteness (fs)	156 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	4.0 ± 1		ISO 5631-2
b*	-15.0 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4, A3, A3+ > ISO 9001
Plotter roll sizes	24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 14001
Standard jumbo roll length	4 000 m > ISO 50001
High Speed inkjet	> FSC® Mix
Sample roll size	> PEFC™

Additional sizes and dimensions on request

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March 2023, subject to alterations

**Technical Data Sheet**


# MH 1886

Description	Print	Applications
MH 1886 is a premium matt coated inkjet papers. Available weights from 70 to 228 gsm.	universally printable with all common > dye inks > pigmented inks > latex inks	> designed for all full colour applications and photos > best for photorealistic printouts in premium-quality

Properties	Value	Unit	Test Method
Substance	183 ± 8	g/sqm	ISO 536
Thickness	245 ± 10	µm	ISO 534
Opacity	97 ± 3	%	ISO 2471
Stiffness md	48 ± 10	mN	ISO 2493
Stiffness cd	22 ± 5	mN	ISO 2493
Smoothness (fs)	> 8	sec	ISO 5627
CIE Whiteness (fs)	156 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	4.0 ± 1		ISO 5631-2
b*	-15.0 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	> ISO 9001
Plotter roll sizes	> ISO 14001
Standard jumbo roll length	> ISO 50001
High Speed inkjet	> FSC® Mix
Sample roll size	> PEFC™

Additional sizes and dimensions on request

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March 2023, subject to alterations

**Technical Data Sheet**


# MH 2386

Description	Print	Applications
MH 2386 is a premium matt coated inkjet papers. Available weights from 70 to 228 gsm.	universally printable with all common > dye inks > pigmented inks > latex inks	> designed for all full colour applications and photos > best for photorealistic printouts in premium-quality

Properties	Value	Unit	Test Method
Substance	228 ± 10	g/sqm	ISO 536
Thickness	315 ± 15	µm	ISO 534
Opacity	98 ± 2	%	ISO 2471
Stiffness md	95 ± 20	mN	ISO 2493
Stiffness cd	50 ± 10	mN	ISO 2493
Smoothness (fs)	> 6	sec	ISO 5627
CIE Whiteness (fs)	156 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	4.0 ± 1		ISO 5631-2
b*	-15.0 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4, A3, A3+ > ISO 9001
Plotter roll sizes	24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 14001
Standard jumbo roll length	2 300 m > ISO 50001
High Speed inkjet	> FSC® Mix
Sample roll size	> PEFC™

Additional sizes and dimensions on request

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March 2023, subject to alterations

**Technical Data Sheet**


# ML 1285 BB

Description	Print	Applications
ML 1285 BB is a matt coated, high resolution inkjet paper with blue back side.	universally printable with all common > dye inks > pigmented inks > latex inks	> designed for high resolution graphics like presentations, statistics, poster or picture printing > the blue coloured back side increased opacity and avoids shine through > base paper is not wet strength

Properties	Value	Unit	Test Method
Substance	126 ± 5	g/sqm	ISO 536
Thickness	160 ± 8	µm	ISO 534
Opacity	99 ± 1	%	ISO 2471
Stiffness md	15 ± 5	mN	ISO 2493
Stiffness cd	7 ± 4	mN	ISO 2493
Smoothness (fs)	> 5	sec	ISO 5627
CIE Whiteness (fs)	152 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	94.5 ± 2		ISO 5631-2
a*	2.7 ± 1		ISO 5631-2
b*	-14.7 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4 > ISO 9001
Plotter roll sizes	24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 9706
Standard jumbo roll length	4 400 m > ISO 14001
High Speed inkjet	> ISO 50001
Sample roll size	> FSC® Mix > PEFC™

Additional sizes and dimensions on request

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July 2023, subject to alterations

**Technical Data Sheet**


# DL 9085

Description	Print	Applications
DL **85 is a range of double-sided, high resolution matt coated inkjet papers. Available as DL 9085, DL 1085, DL 1285, DL 1685, DL 1985 and DL 2285 and as single-sided versions ML **85.	universally printable with all common > dye inks > pigmented inks	> designed for double-sided commercial inkjet printing systems > double-sided applications like mailings and personalized correspondence including photos > full colour graphics and true colour reproduction

Properties	Value	Unit	Test Method
Substance	89 ± 4	g/sqm	ISO 536
Thickness	110 ± 7	µm	ISO 534
Opacity	90 ± 3	%	ISO 2471
Stiffness md	6 ± 4	mN	ISO 2493
Stiffness cd	3 ± 2	mN	ISO 2493
Smoothness (fs)	> 25 / > 25	sec	ISO 5627
CIE Whiteness (fs)	148 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	3.0 ± 1		ISO 5631-2
b*	-12.6 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4 > ISO 9001
Plotter roll sizes	> ISO 9706
Standard jumbo roll length	8 000 m > ISO 14001
High Speed inkjet	8 000 m > ISO 50001
Sample roll size	> FSC® Mix > PEFC™

Additional sizes and dimensions on request

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March 2023, subject to alterations

**Technical Data Sheet**


# DL 1085

Description	Print	Applications
DL **85 is a range of double-sided, high resolution matt coated inkjet papers. Available as DL 9085, DL 1085, DL 1285, DL 1685, DL 1985 and DL 2285 and as single-sided versions ML **85.	universally printable with all common > dye inks > pigmented inks	> designed for double-sided commercial inkjet printing systems > double-sided applications like mailings and personalized correspondence including photos > full colour graphics and true colour reproduction

Properties	Value	Unit	Test Method
Substance	105 ± 5	g/sqm	ISO 536
Thickness	134 ± 7	µm	ISO 534
Opacity	92 ± 3	%	ISO 2471
Stiffness md	10 ± 4	mN	ISO 2493
Stiffness cd	5 ± 3	mN	ISO 2493
Smoothness (fs)	> 20 / > 20	sec	ISO 5627
CIE Whiteness (fs)	148 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	3.0 ± 1		ISO 5631-2
b*	-12.6 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4 > ISO 9001
Plotter roll sizes	> ISO 9706
Standard jumbo roll length	6 000 m > ISO 14001
High Speed inkjet	6 000 m > ISO 50001
Sample roll size	> FSC® Mix > PEFC™

Additional sizes and dimensions on request

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March 2023, subject to alterations



**Technical Data Sheet**


# DL 1285

Description	Print	Applications
DL **85 is a range of double-sided, high resolution matt coated inkjet papers. Available as DL 9085, DL 1085, DL 1285, DL 1685, DL 1985 and DL 2285 and as single-sided versions ML **85.	universally printable with all common > dye inks > pigmented inks	> designed for double-sided commercial inkjet printing systems > double-sided applications like mailings and personalized correspondence including photos > full colour graphics and true colour reproduction

Properties	Value	Unit	Test Method
Substance	118 ± 5	g/sqm	ISO 536
Thickness	152 ± 8	µm	ISO 534
Opacity	94 ± 3	%	ISO 2471
Stiffness md	13 ± 4	mN	ISO 2493
Stiffness cd	7 ± 4	mN	ISO 2493
Smoothness (fs)	> 20 / > 20	sec	ISO 5627
CIE Whiteness (fs)	148 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	3.0 ± 1		ISO 5631-2
b*	-12.6 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4 > ISO 9001
Plotter roll sizes	> ISO 9706
Standard jumbo roll length	6 000 m > ISO 14001
High Speed inkjet	6 000 m > ISO 50001
Sample roll size	> FSC® Mix > PEFC™

Additional sizes and dimensions on request

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**Technical Data Sheet**


# DL 1685

Description	Print	Applications
DL **85 is a range of double-sided, high resolution matt coated inkjet papers. Available as DL 9085, DL 1085, DL 1285, DL 1685, DL 1985 and DL 2285 and as single-sided versions ML **85.	universally printable with all common > dye inks > pigmented inks	> designed for double-sided commercial inkjet printing systems > double-sided applications like mailings and personalized correspondence including photos > full colour graphics and true colour reproduction

Properties	Value	Unit	Test Method
Substance	162 ± 6	g/sqm	ISO 536
Thickness	201 ± 10	µm	ISO 534
Opacity	96 ± 3	%	ISO 2471
Stiffness md	39 ± 8	mN	ISO 2493
Stiffness cd	18 ± 5	mN	ISO 2493
Smoothness (fs)	> 20 / > 20	sec	ISO 5627
CIE Whiteness (fs)	148 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	3.0 ± 1		ISO 5631-2
b*	-12.6 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4 > ISO 9001
Plotter roll sizes	> ISO 9706
Standard jumbo roll length	4 500 m > ISO 14001
High Speed inkjet	4 500 m > ISO 50001
Sample roll size	> FSC® Mix > PEFC™

Additional sizes and dimensions on request

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

March 2023, subject to alterations

**Technical Data Sheet**


# DL 1985

Description	Print	Applications
DL **85 is a range of double-sided, high resolution matt coated inkjet papers. Available as DL 9085, DL 1085, DL 1285, DL 1685, DL 1985 and DL 2285 and as single-sided versions ML **85.	universally printable with all common > dye inks > pigmented inks > latex inks	> designed for double-sided commercial inkjet printing systems > double-sided applications like mailings and personalized correspondence including photos > full colour graphics and true colour reproduction

Properties	Value	Unit	Test Method
Substance	183 ± 8	g/sqm	ISO 536
Thickness	230 ± 10	µm	ISO 534
Opacity	99 ± 1	%	ISO 2471
Stiffness md	55 ± 10	mN	ISO 2493
Stiffness cd	27 ± 5	mN	ISO 2493
Smoothness (fs)	> 10 / > 10	sec	ISO 5627
CIE Whiteness (fs)	148 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	3.0 ± 1		ISO 5631-2
b*	-12.6 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4 > ISO 9001
Plotter roll sizes	> ISO 9706
Standard jumbo roll length	4 000 m > ISO 14001
High Speed inkjet	4 000 m > ISO 50001
Sample roll size	450 mm x 400 m > FSC® Mix > PEFC™

Additional sizes and dimensions on request

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

May 2022, subject to alterations

**Technical Data Sheet**


# DL 2285

Description	Print	Applications
DL **85 is a range of double-sided, high resolution matt coated inkjet papers. Available as DL 9085, DL 1085, DL 1285, DL 1685, DL 1985 and DL 2285 and as single-sided versions ML **85.	universally printable with all common > dye inks > pigmented inks > latex inks	> designed for double-sided commercial inkjet printing systems > double-sided applications like mailings and personalized correspondence including photos > full colour graphics and true colour reproduction

Properties	Value	Unit	Test Method
Substance	216 ± 10	g/sqm	ISO 536
Thickness	280 ± 15	µm	ISO 534
Opacity	99 ± 1	%	ISO 2471
Stiffness md	85 ± 15	mN	ISO 2493
Stiffness cd	44 ± 10	mN	ISO 2493
Smoothness (fs)	> 15 / > 15	sec	ISO 5627
CIE Whiteness (fs)	148 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	3.0 ± 1		ISO 5631-2
b*	-12.6 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4 > ISO 9001
Plotter roll sizes	> ISO 9706
Standard jumbo roll length	3 400 m > ISO 14001
High Speed inkjet	3 400 m > ISO 50001
Sample roll size	450 mm x 400 m > FSC® Mix > PEFC™

Additional sizes and dimensions on request

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

May 2022, subject to alterations

**Technical Data Sheet**


# MD 1086

Description	Print	Applications
MD **86 is a range of double-sided, premium matt coated inkjet paper. Available as MD 1086, MD 1386, MD 1786, MD 1986 and MD 2286.	universally printable with all common > dye inks > pigmented inks > latex inks	> developed for full colour graphics in premium quality > typically used for double-sided graphics, greeting cards, imposition proofs etc. > perfectly suitable for commercial inkjet printing systems for high quality mailings, brochures, flyers and books

Properties	Value	Unit	Test Method
Substance	94 ± 4	g/sqm	ISO 536
Thickness	130 ± 6	µm	ISO 534
Opacity	92 ± 3	%	ISO 2471
Stiffness md	6 ± 3	mN	ISO 2493
Stiffness cd	3 ± 2	mN	ISO 2493
Smoothness (fs)	> 15 / > 15	sec	ISO 5627
CIE Whiteness (fs)	154 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	3.5 ± 1		ISO 5631-2
b*	-14.0 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4 > ISO 9001
Plotter roll sizes	17 - 60" x 30 m > ISO 9706
Standard jumbo roll length	5 000 m > ISO 14001
	> ISO 50001
	> FSC® Mix
	> PEFC™

Additional sizes and dimensions on request

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

October 2022, subject to alterations

**Technical Data Sheet**


# MD 1386

Description	Print	Applications
MD **86 is a range of double-sided, premium matt coated inkjet paper. Available as MD 1086, MD 1386, MD 1786, MD 1986 and MD 2286.	universally printable with all common > dye inks > pigmented inks > latex inks	> developed for full colour graphics in premium quality > typically used for double-sided graphics, greeting cards, imposition proofs etc. > perfectly suitable for commercial inkjet printing systems for high quality mailings, brochures, flyers and books

Properties	Value	Unit	Test Method
Substance	125 ± 5	g/sqm	ISO 536
Thickness	175 ± 8	µm	ISO 534
Opacity	95 ± 3	%	ISO 2471
Stiffness md	14 ± 5	mN	ISO 2493
Stiffness cd	7 ± 4	mN	ISO 2493
Smoothness (fs)	> 10 / > 10	sec	ISO 5627
CIE Whiteness (fs)	156 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	4.0 ± 1		ISO 5631-2
b*	-15.0 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4 > ISO 9001
Plotter roll sizes	17 - 60" x 30 m > ISO 9706
Standard jumbo roll length	4 000 m > ISO 14001
	> ISO 50001
	> FSC® Mix
	> PEFC™

Additional sizes and dimensions on request

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March 2023, subject to alterations

**Technical Data Sheet**


# MD 1786

Description	Print	Applications
MD **86 is a range of double-sided, premium matt coated inkjet paper. Available as MD 1086, MD 1386, MD 1786, MD 1986 and MD 2286.	universally printable with all common > dye inks > pigmented inks > latex inks	> developed for full colour graphics in premium quality > typically used for double-sided graphics, greeting cards, imposition proofs etc. > perfectly suitable for commercial inkjet printing systems for high quality mailings, brochures, flyers and books

Properties	Value	Unit	Test Method
Substance	168 ± 6	g/sqm	ISO 536
Thickness	230 ± 10	µm	ISO 534
Opacity	97 ± 3	%	ISO 2471
Stiffness md	33 ± 7	mN	ISO 2493
Stiffness cd	15 ± 5	mN	ISO 2493
Smoothness (fs)	> 10 / > 10	sec	ISO 5627
CIE Whiteness (fs)	154 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	3.5 ± 1		ISO 5631-2
b*	-14.0 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4 > ISO 9001
Plotter roll sizes	17 - 60" x 30 m > ISO 9706
Standard jumbo roll length	3 400 m > ISO 14001
	> ISO 50001
	> FSC® Mix
	> PEFC™

Additional sizes and dimensions on request

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March 2023, subject to alterations

**Technical Data Sheet**


# MD 1986

Description	Print	Applications
MD **86 is a range of double-sided, premium matt coated inkjet paper. Available as MD 1086, MD 1386, MD 1786, MD 1986 and MD 2286.	universally printable with all common > dye inks > pigmented inks > latex inks	> developed for full colour graphics in premium quality > typically used for double-sided graphics, greeting cards, imposition proofs etc. > perfectly suitable for commercial inkjet printing systems for high quality mailings, brochures, flyers and books

Properties	Value	Unit	Test Method
Substance	188 ± 8	g/sqm	ISO 536
Thickness	258 ± 10	µm	ISO 534
Opacity	98 ± 2	%	ISO 2471
Stiffness md	50 ± 10	mN	ISO 2493
Stiffness cd	15 ± 5	mN	ISO 2493
Smoothness (fs)	> 10 / > 10	sec	ISO 5627
CIE Whiteness (fs)	154 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	97.0 ± 2		ISO 5631-2
a*	3.5 ± 1		ISO 5631-2
b*	-14.0 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4 > ISO 9001
Plotter roll sizes	17 - 60" x 30 m > ISO 9706
Standard jumbo roll length	2 800 m > ISO 14001
	> ISO 50001
	> FSC® Mix
	> PEFC™

Additional sizes and dimensions on request

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October 2022, subject to alterations



**Technical Data Sheet**


# GS 8062

Description	Print	Applications
GS 8062 is a semi glossy inkjet label grade, also available as GS 1062.	universally printable with all common > dye inks > pigmented inks*	> designed for the inkjet label industry > front side has semi glossy surface for photorealistic printouts, back side perfectly suitable for a self-adhesive layer

Properties	Value	Unit	Test Method
Substance	80 ± 3	g/sqm	ISO 536
Thickness	96 ± 5	µm	ISO 534
Opacity	84 ± 3	%	ISO 2471
Stiffness md	7 ± 2	mN	ISO 2493
Stiffness cd	3 ± 1	mN	ISO 2493
Gloss value 75°	46 ± 4	%	ISO 2813
Smoothness (fs)	> 100	sec	ISO 5627
CIE Whiteness (fs)	145 ± 5		ISO 11475
Shade (D65/10°) (fs) L*	97.5 ± 2		ISO 5631-2
a*	3.0 ± 1		ISO 5631-2
b*	-11.7 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4 > ISO 9001
Plotter roll sizes	> ISO 14001
Standard jumbo roll length	6 200m > ISO 50001
High Speed inkjet	> FSC® Mix
Sample roll size	> PEFC™

Additional sizes and dimensions on request

\* A list of printers showing compatibility with pigmented inks is available on request.  
 Nevertheless, we recommend checking suitability of this product on your printer before using.

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

**Technical Data Sheet**


# GS 1062

Description	Print	Applications
GS 1062 is a semi glossy inkjet label grade, also available as GS 8062.	universally printable with all common > dye inks > pigmented inks*	> designed for the inkjet label industry > front side has semi glossy surface for photorealistic printouts, back side perfectly suitable for a self-adhesive layer

Properties	Value	Unit	Test Method
Substance	97 ± 4	g/sqm	ISO 536
Thickness	116 ± 5	µm	ISO 534
Opacity	88 ± 3	%	ISO 2471
Stiffness md	7 ± 2	mN	ISO 2493
Stiffness cd	4 ± 2	mN	ISO 2493
Gloss value 75°	46 ± 4	%	ISO 2813
Smoothness (fs)	> 60	sec	ISO 5627
CIE Whiteness (fs)	145 ± 5		ISO 11475
Shade (D65/10°) (fs) L*	97.5 ± 2		ISO 5631-2
a*	3.0 ± 1		ISO 5631-2
b*	-11.7 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4 > ISO 9001
Plotter roll sizes	> ISO 14001
Standard jumbo roll length	6 200m > ISO 50001
High Speed inkjet	> FSC® Mix
Sample roll size	> PEFC™

Additional sizes and dimensions on request

\* A list of printers showing compatibility with pigmented inks is available on request.  
Nevertheless, we recommend checking suitability of this product on your printer before using.

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

**Technical Data Sheet**


# GB530P

Description	Print	Applications
GB530 is a high gloss inkjet label grade.	universally printable with all common > dye inks > pigmented inks*	> designed for the inkjet label industry > front side has a high gloss surface for photorealistic printouts, back side is perfectly suitable for a self-adhesive layer.

Properties	Value	Unit	Test Method
Substance	84 ± 4	g/sqm	ISO 536
Thickness	103 ± 4	µm	ISO 534
Opacity	91 ± 2	%	ISO 2471
Stiffness md	6 ± 2	mN	ISO 2493
Stiffness cd	4 ± 1	mN	ISO 2493
Gloss value 60° (fs)	60 ± 5	%	ISO 2813
Smoothness (fs)	> 160	sec	ISO 5627
Tensile strength (md)	80 ± 10	N/15mm	ISO 1924/1
Tensile strength (cd)	60 ± 10	N/15mm	ISO 1924/1
CIE Whiteness (fs)	151 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	96.5 ± 2		ISO 5631-2
a*	3.5 ± 1		ISO 5631-2
b*	-13.3 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	> ISO 9001
Plotter roll sizes	> ISO 14001
Standard jumbo roll length	7 000 m > ISO 50001
High Speed Inkjet	> FSC
Sample roll size	

Additional sizes and dimensions on request

\* A list of printers showing compatibility with pigmented inks is available on request.

Nevertheless, we recommend checking suitability of this product on your printer before using.

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

September 2023, subject to alterations

**Technical Data Sheet**


# SG 2077

Description	Print	Applications
SG **77 is a range of microporous, resin coated glossy photo papers. Available as SG 2077, SG 2377, SG 2577 and SG 2977.	universally printable with all common <ul style="list-style-type: none"> <li>&gt; dye inks</li> <li>&gt; pigmented inks</li> </ul> suitable for HP Indigo	> designed for high quality printouts on small format and large format printers, like photography, posters, signage etc.

Properties	Value	Unit	Test Method
Substance	200 ± 10	g/sqm	ISO 536
Thickness	207 ± 12	µm	ISO 534
Opacity	94 ± 3	%	ISO 2471
Stiffness md	30 ± 5	mN	ISO 2493
Stiffness cd	20 ± 5	mN	ISO 2493
Gloss value 60° (fs)	30 ± 5	%	ISO 2813
Smoothness (fs)	> 10 000	sec	ISO 5627
CIE Whiteness (fs)	136 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	96.0 ± 2		ISO 5631-2
a*	1.5 ± 1		ISO 5631-2
b*	-10.5 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	10x15, A4, A3, A3+ > ISO 9001
Plotter roll sizes	17, 24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 14001
Standard jumbo roll length	3 000m > ISO 50001
High Speed inkjet	
Sample roll size	

Additional sizes and dimensions on request

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

March 2016, subject to alterations

**Technical Data Sheet**


# SG 2577

Description	Print	Applications
SG **77 is a range of microporous, resin coated glossy photo papers. Available as SG 2077, SG 2377, SG 2577 and SG 2977.	universally printable with all common > dye inks > pigmented inks suitable for HP Indigo	> designed for high quality printouts on small format and large format printers, like photography, posters, signage etc.

Properties	Value	Unit	Test Method
Substance	255 ± 10	g/sqm	ISO 536
Thickness	265 ± 12	µm	ISO 534
Opacity	96 ± 3	%	ISO 2471
Stiffness md	65 ± 5	mN	ISO 2493
Stiffness cd	40 ± 5	mN	ISO 2493
Gloss value 60° (fs)	30 ± 5	%	ISO 2813
Smoothness (fs)	> 10 000	sec	ISO 5627
CIE Whiteness (fs)	136 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	96.0 ± 2		ISO 5631-2
a*	1.5 ± 1		ISO 5631-2
b*	-10.5 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	10x15, A4, A3, A3+ > ISO 9001
Plotter roll sizes	17, 24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 14001
Standard jumbo roll length	2 300m > ISO 50001
High Speed inkjet	
Sample roll size	

Additional sizes and dimensions on request

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March 2016, subject to alterations

**Technical Data Sheet**


# SG 2977

Description	Print	Applications
SG **77 is a range of microporous, resin coated glossy photo papers. Available as SG 2077, SG 2377, SG 2577 and SG 2977.	universally printable with all common <ul style="list-style-type: none"> <li>&gt; dye inks</li> <li>&gt; pigmented inks</li> </ul> suitable for HP Indigo	> designed for high quality printouts on small format and large format printers, like photography, posters, signage etc.

Properties	Value	Unit	Test Method
Substance	290 ± 10	g/sqm	ISO 536
Thickness	290 ± 12	µm	ISO 534
Opacity	97 ± 3	%	ISO 2471
Stiffness md	85 ± 5	mN	ISO 2493
Stiffness cd	55 ± 5	mN	ISO 2493
Gloss value 60° (fs)	30 ± 5	%	ISO 2813
Smoothness (fs)	> 10 000	sec	ISO 5627
CIE Whiteness (fs)	152 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	96.3 ± 2		ISO 5631-2
a*	1.5 ± 1		ISO 5631-2
b*	-13.8 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	10x15, A4, A3, A3+ > ISO 9001
Plotter roll sizes	17, 24, 36, 42" x 30 m > ISO 14001
Standard jumbo roll length	1 800m > ISO 50001
High Speed inkjet	
Sample roll size	

Additional sizes and dimensions on request

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March 2016, subject to alterations

**Technical Data Sheet**


# SM 2076

Description	Print	Applications
SM 2076 is a microporous, resin coated photo papers with satin surface and warm tone shade.	universally printable with all common > dye inks > pigmented inks > latex inks	> designed for high quality printouts on small format and large format printers, like photography, posters, signage etc.

Properties	Value	Unit	Test Method
Substance	200 ± 10	g/sqm	ISO 536
Thickness	206 ± 12	µm	ISO 534
Opacity	94 ± 3	%	ISO 2471
Stiffness md	25 ± 5	mN	ISO 2493
Stiffness cd	15 ± 5	mN	ISO 2493
Gloss value 60° (fs)	20 ± 4	%	ISO 2813
Smoothness (fs)	> 1000	sec	ISO 5627
CIE Whiteness (fs)	103 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	94.7 ± 2		ISO 5631-2
a*	0.0 ± 1		ISO 5631-2
b*	-3.6 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	10x15, A4, A3, A3+ > ISO 9001
Plotter roll sizes	17, 24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 14001
Standard jumbo roll length	3 000m > ISO 50001
High Speed inkjet	
Sample roll size	

Additional sizes and dimensions on request

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

March 2020, subject to alterations

**Technical Data Sheet**


# SM 2576

Description	Print	Applications
SM 2576 is a microporous, resin coated photo papers with satin surface and bluish shade. Also available as SM 2376.	universally printable with all common <ul style="list-style-type: none"> <li>&gt; dye inks</li> <li>&gt; pigmented inks</li> <li>&gt; latex inks</li> </ul>	> designed for high quality printouts on small format and large format printers, like photography, posters, signage etc.

Properties	Value	Unit	Test Method
Substance	255 ± 10	g/sqm	ISO 536
Thickness	265 ± 12	µm	ISO 534
Opacity	96 ± 3	%	ISO 2471
Stiffness md	65 ± 5	mN	ISO 2493
Stiffness cd	40 ± 5	mN	ISO 2493
Gloss value 60° (fs)	17 ± 4	%	ISO 2813
Smoothness (fs)	> 1000	sec	ISO 5627
CIE Whiteness (fs)	152 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	96.3 ± 2		ISO 5631-2
a*	1.5 ± 1		ISO 5631-2
b*	-13.8 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	10x15, A4, A3, A3+ > ISO 9001
Plotter roll sizes	17, 24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 14001
Standard jumbo roll length	2 300m > ISO 50001
High Speed inkjet	
Sample roll size	

Additional sizes and dimensions on request

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March 2020, subject to alterations



**Technical Data Sheet**


# SM 2576 W

Description	Print	Applications
SM 2576 W is a microporous, resin coated photo papers with satin surface and warm tone shade.	universally printable with all common > dye inks > pigmented inks > latex inks	> for high quality print-outs on small format and large format printers, like photography, posters, signage etc.

Properties	Value	Unit	Test Method
Substance	255 ± 10	g/sqm	ISO 536
Thickness	265 ± 12	µm	ISO 534
Opacity	96 ± 3	%	ISO 2471
Stiffness md	65 ± 5	mN	ISO 2493
Stiffness cd	40 ± 5	mN	ISO 2493
Gloss value 60° (fs)	17 ± 4	%	ISO 2813
Smoothness (fs)	> 1000	sec	ISO 5627
CIE (Whiteness (fs)	101 ± 6		ISO 11475
Shade (D50/2°) (fs) L*	94.2 ± 2		ISO 5631-2
a*	0.2 ± 1		ISO 5631-2
b*	-2.7 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	10x15, A4, A3, A3+ > ISO 9001
Plotter roll sizes	17, 24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 14001
Standard jumbo roll length	2 300m > ISO 50001
High Speed inkjet	
Sample roll size	

Additional sizes and dimensions on request

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

March 2020, subject to alterations

**Technical Data Sheet**


# SM 2578

Description	Print	Applications
SM 2578 is a microporous, resin coated photo papers with silk matt finish.	universally printable with all common > dye inks > pigmented inks suitable for HP Indigo	> designed for high quality printouts on small format and large format printers, like photography, posters, signage etc.

Properties	Value	Unit	Test Method
Substance	258 ± 10	g/sqm	ISO 536
Thickness	275 ± 12	µm	ISO 534
Opacity	96 ± 3	%	ISO 2471
Stiffness md	60 ± 5	mN	ISO 2493
Stiffness cd	35 ± 5	mN	ISO 2493
Gloss value 60° (fs)	2 ± 2	%	ISO 2813
CIE Whiteness (fs)	143 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	96.0 ± 2		ISO 5631-2
a*	0.9 ± 1		ISO 5631-2
b*	-12.0 ± 2		ISO 5631-2

Availabilities		Certificates
Sheets	A4	> ISO 9001
Plotter roll sizes	17, 24, 36, 42, 44, 50, 54, 60" x 30 m	> ISO 14001
Standard jumbo roll length	2 300 m	> ISO 50001
High Speed inkjet		
Sample roll size		

Additional sizes and dimensions on request

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

January 2023, subject to alterations

**Technical Data Sheet**


# SL 2076

Description	Print	Applications
SL **76 is a range of microporous, resin coated photo papers with lustre surface. Available as SL 2076, SL 2576 and SL 2976.	universally printable with all common > dye inks > pigmented inks suitable for HP Indigo	> designed for high quality printouts on small format and large format printers, like photography, posters, signage etc.

Properties	Value	Unit	Test Method
Substance	200 ± 10	g/sqm	ISO 536
Thickness	207 ± 12	µm	ISO 534
Opacity	94 ± 3	%	ISO 2471
Stiffness md	30 ± 5	mN	ISO 2493
Stiffness cd	20 ± 5	mN	ISO 2493
Gloss value 60° (fs)	20 ± 4	%	ISO 2813
Smoothness (fs)	> 250	sec	ISO 5627
CIE Whiteness (fs)	136 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	96.0 ± 2		ISO 5631-2
a*	1.5 ± 1		ISO 5631-2
b*	-10.5 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	10x15, A4, A3, A3+ > ISO 9001
Plotter roll sizes	17, 24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 14001
Standard jumbo roll length	3 000m > ISO 50001
High Speed inkjet	
Sample roll size	

Additional sizes and dimensions on request

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

March 2016, subject to alterations

**Technical Data Sheet**


# SL 2576

Description	Print	Applications
SL **76 is a range of microporous, resin coated photo papers with lustre surface. Available as SL 2076, SL 2576 and SL 2976.	universally printable with all common <ul style="list-style-type: none"> <li>&gt; dye inks</li> <li>&gt; pigmented inks</li> </ul> suitable for HP Indigo	> designed for high quality printouts on small format and large format printers, like photography, posters, signage etc.

Properties	Value	Unit	Test Method
Substance	255 ± 10	g/sqm	ISO 536
Thickness	265 ± 12	µm	ISO 534
Opacity	96 ± 3	%	ISO 2471
Stiffness md	65 ± 5	mN	ISO 2493
Stiffness cd	40 ± 5	mN	ISO 2493
Gloss value 60° (fs)	20 ± 4	%	ISO 2813
Smoothness (fs)	> 250	sec	ISO 5627
CIE Whiteness (fs)	136 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	96.0 ± 2		ISO 5631-2
a*	1.5 ± 1		ISO 5631-2
b*	-10.5 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	10x15, A4, A3, A3+ > ISO 9001
Plotter roll sizes	17, 24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 14001
Standard jumbo roll length	2 300m > ISO 50001
High Speed inkjet	
Sample roll size	

Additional sizes and dimensions on request

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

March 2016, subject to alterations

**Technical Data Sheet**


# SL 2976

Description	Print	Applications
SL **76 is a range of microporous, resin coated photo papers with lustre surface. Available as SL 2076, SL 2576 and SL 2976.	universally printable with all common > dye inks > pigmented inks suitable for HP Indigo	> designed for high quality printouts on small format and large format printers, like photography, posters, signage etc.

Properties	Value	Unit	Test Method
Substance	290 ± 10	g/sqm	ISO 536
Thickness	290 ± 12	µm	ISO 534
Opacity	97 ± 3	%	ISO 2471
Stiffness md	85 ± 5	mN	ISO 2493
Stiffness cd	55 ± 5	mN	ISO 2493
Gloss value 60° (fs)	20 ± 4	%	ISO 2813
Smoothness (fs)	> 250	sec	ISO 5627
CIE Whiteness (fs)	136 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	96.0 ± 2		ISO 5631-2
a*	1.5 ± 1		ISO 5631-2
b*	-10.5 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	10x15, A4, A3, A3+ > ISO 9001
Plotter roll sizes	17, 24, 36, 42" x 30 m > ISO 14001
Standard jumbo roll length	1 800m > ISO 50001
High Speed inkjet	
Sample roll size	

Additional sizes and dimensions on request

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

March 2016, subject to alterations

**Technical Data Sheet**


# SC 2576

Description	Print	Applications
SC 2576 is a microporous, resin coated photo papers with crystal finish.	universally printable with all common > dye inks > pigmented inks suitable for HP Indigo	> designed for high quality printouts on small format and large format printers, like photography, posters, signage etc.

Properties	Value	Unit	Test Method
Substance	250 ± 10	g/sqm	ISO 536
Thickness	252 ± 12	µm	ISO 534
Opacity	97 ± 3	%	ISO 2471
Stiffness md	60 ± 5	mN	ISO 2493
Stiffness cd	35 ± 5	mN	ISO 2493
Gloss value 75° (fs)	32 ± 5	%	ISO 2813
CIE Whiteness (fs)	149 ± 6		ISO 11475
Shade (D65/10°) (fs) L*	94.4 ± 2		ISO 5631-2
a*	1.1 ± 1		ISO 5631-2
b*	-14.0 ± 2		ISO 5631-2

Availabilities	Certificates
Sheets	A4 > ISO 9001
Plotter roll sizes	17, 24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 14001
Standard jumbo roll length	2 300 m > ISO 50001
High Speed inkjet	
Sample roll size	

Additional sizes and dimensions on request

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

January 2023, subject to alterations

**Technical Data Sheet**


# SM 2574 P

Description	Print	Applications
SM 2574 P is a Fogra certified resin coated medium with semi matt finish. Successor is SM 2576 P with optimized shade.	universally printable with all common <ul style="list-style-type: none"> <li>&gt; dye inks</li> <li>&gt; pigmented inks</li> <li>&gt; latex inks</li> </ul> suitable for HP Indigo	<ul style="list-style-type: none"> <li>&gt; designed for contract proofs and professional color management applications</li> <li>&gt; product is approved by Fogra as semi matt proofing paper</li> <li>&gt; used for small format and large format prints</li> </ul>

Properties	Value	Unit	Test Method
Substance	255 ± 10	g/sqm	ISO 536
Thickness	267 ± 12	µm	ISO 534
Opacity	96 ± 3	%	ISO 2471
Stiffness md	65 ± 5	mN	ISO 2493
Stiffness cd	40 ± 5	mN	ISO 2493
Gloss value 60° (fs)	17 ± 4	%	ISO 2813
Smoothness (fs)	> 1000	sec	ISO 5627
CIE (Whiteness (fs)	101 ± 3		ISO 11475
Shade (D50/2°) (fs) L*	96.0 ± 2		ISO 5631-2
a*	2.3 ± 0.8		ISO 5631-2
b*	1.3 ± 0.5		ISO 5631-2

Availabilities	Certificates
Sheets	A4, A3, A3+ > ISO 9001
Plotter roll sizes	17, 24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 14001
Standard jumbo roll length	2 300m > ISO 50001
High Speed inkjet	> Fogra
Sample roll size	

Additional sizes and dimensions on request

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

March 2016, subject to alterations

**Technical Data Sheet**


# SM 2576 P

Description	Print	Applications
SM **76 P are two Fogra certified resin coated media with semi matt finish. Available as SM 2076 P and SM 2576 P.	universally printable with all common > dye inks > pigmented inks > latex inks suitable for HP Indigo	> designed for contract proofs and professional color management applications > products are approved by Fogra as semi matt proofing papers. > used for small format and large format prints

Properties	Value	Unit	Test Method
Substance	255 ± 10	g/sqm	ISO 536
Thickness	267 ± 12	µm	ISO 534
Opacity	96 ± 3	%	ISO 2471
Stiffness md	65 ± 5	mN	ISO 2493
Stiffness cd	40 ± 5	mN	ISO 2493
Gloss value 60° (fs)	17 ± 4	%	ISO 2813
Smoothness (fs)	> 1000	sec	ISO 5627
CIE (Whiteness (fs)	99 ± 4		ISO 11475
Shade (D50/2°) (fs) L*	96.5 ± 1.5		ISO 5631-2
a*	0.0 ± 0.8		ISO 5631-2
b*	-1.5 ± 0.8		ISO 5631-2

Availabilities	Certificates
Sheets	A4, A3, A3+ > ISO 9001
Plotter roll sizes	17, 24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 14001
Standard jumbo roll length	2 300m > ISO 50001
High Speed inkjet	> Fogra
Sample roll size	

Additional sizes and dimensions on request

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

March 2016, subject to alterations





# SM 2051 P

Description	Print	Applications
SM 2051 P is the Fogra certified resin coated medium with semi matt finish. Shade is according to Fogra 51. Also available as SM 2551 P with 255 g/sqm.	universally printable with all common water based > dye inks > pigmented inks	> designed for contract proofs and professional color management applications > product is approved by Fogra as semi matt proofing paper according to Fogra 51 specification

Properties	Value	Unit	Test Method
Substance	200 ± 10	g/sqm	ISO 536
Thickness	207 ± 12	µm	ISO 534
Opacity	94 ± 3	%	ISO 2471
Stiffness md	30 ± 5	mN	ISO 2493
Stiffness cd	20 ± 5	mN	ISO 2493
Gloss value 60° (fs)	17 ± 4	%	ISO 2813
Gloss value 75° (TAPPI)	53 ± 5	%	ISO 8254-1:2009
Smoothness (fs)	> 1000	sec	ISO 5627
Shade (M0) L*	94.8 ± 1.0		ISO 5631-2
a*	0.9 ± 0.8		
b*	-4.8 ± 2.0		
Shade (M1) L*	95.0 ± 1.0		ISO 5631-2
a*	0.9 ± 0.8		
b*	-6.0 ± 2.0		

Availabilities	Certificates
Sheets	A4, A3, A3+ > ISO 9001
Plotter roll sizes	17, 24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 14001
Standard jumbo roll length	3 000m > ISO 50001
High Speed inkjet	> Fogra 51
Sample roll size	

Additional sizes and dimensions on request

Best printing results achieved in a standard climate of 23°C and 50% relative humidity. For problem-free running, always store the product in original packaging and protect it from direct sunlight and moisture. Before using our medium, check its suitability on your printer and for your planned application. We can assume no liability resulting from technical changes in printers and/or inks. Changes in the product design due to technical further developments will not be announced in advance.

June 2016, subject to alterations

**Technical Data Sheet**


# SM 2551 P

Description	Print	Applications
SM 2551 P is the Fogra certified resin coated medium with semi matt finish. Shade is according to Fogra 51. Also available as SM 2051 P with 200 g/sqm.	universally printable with all common water based > dye inks > pigmented inks	> designed for contract proofs and professional color management applications > product is approved by Fogra as semi matt proofing paper according to Fogra 51 specification

Properties	Value	Unit	Test Method
Substance	255 ± 10	g/sqm	ISO 536
Thickness	267 ± 12	µm	ISO 534
Opacity	96 ± 3	%	ISO 2471
Stiffness md	65 ± 5	mN	ISO 2493
Stiffness cd	40 ± 5	mN	ISO 2493
Gloss value 60° (fs)	17 ± 4	%	ISO 2813
Gloss value 75° (TAPPI)	53 ± 5	%	ISO 8254-1:2009
Smoothness (fs)	> 1000	sec	ISO 5627
Shade (M0) L*	94.8 ± 1.0		ISO 5631-2
a*	0.9 ± 0.8		
b*	-4.8 ± 2.0		
Shade (M1) L*	95.0 ± 1.0		ISO 5631-2
a*	0.9 ± 0.8		
b*	-6.0 ± 2.0		

Availabilities	Certificates
Sheets	A4, A3, A3+ > ISO 9001
Plotter roll sizes	17, 24, 36, 42, 44, 50, 54, 60" x 30 m > ISO 14001
Standard jumbo roll length	2 300m > ISO 50001
High Speed inkjet	> Fogra 51
Sample roll size	

Additional sizes and dimensions on request

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June 2016, subject to alterations