COATED PAPER & BOARD
EASY REFERENCE GUIDE

antalis™
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30726 ANT MCN Coated Paper & Board Easy Ref Guide s2.indd 2-3

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CLARO

Claro is a coated paper and board range offering outstanding bulk with excellent printability. The outstanding quality of Claro will bring a unique touch and feel to your printed document, which differentiates it from other papers. Save time and money with Claro's high stiffness and good dimensional stability. By combining outstanding whiteness with a unique surface, Claro delivers excellent printability and top quality results, accurately reproducing colours and contrasts.

Claro offers an extensive range in 3 finishes – Gloss, Silk and Bulk - all FSC® certified in an extensive range of size and substances from SRA3 through to large format 1250 x 1850mm.

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CLARO SILK

- What is it? A white coated paper and board suitable for a variety of print finishing processes
- Suitable for: Offset litho, letterpress, silk screen printing and HSWO. Varnishing, film lamination, foil blocking, embossing, spot UV, folding and die cutting
- Major attributes: Superb legibility without reflection
- Environmental: FSC certification, ISO 9001:2008, ISO 14001:2004, EMAS and OHSAS 18001:19999
- Available: Next day from stock
- Further details: Contact your regional sales office for further information

CLARO SILK

TECHNICAL SPECIFICATIONS

SPEC / GSM	90	100	115	130	150	170	200	225	250	275	300	350	400
Brightness (D65/10°) (ISO2470) %	100	100	100	100	100	100	100	100	100	100	100	100	100
Roughness (ISO 8979-4) µm	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5	1.5	1.6	1.7	1.9	2
Opacity (ISO2471) %	91	92.5	94.5	95.5	96.5	97.5	98	98.5	98.5	99	99	99.5	99.5
Relative humidity (23°C) (TAPPI 502) %	50	50	50	50	50	50	50	50	50	50	50	50	50
PH Value (ISO6588)	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7
Spec. Volume (ISO534) cm^3/g	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	1

RANGE CHART

SIZE mm / GSM	90	100	115	130	150	170	200	225	250	275	300	350	400
320 x 450			P	P/B	P/B	P/B							
320 x 460			P	P	P	P							
460 x 320							P		P		P	P	
340 x 640				P	P	P	P						
450 x 320							P		P		P	P	
450 x 640	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B
480 x 650			P/B	P/B	P/B	P/B	P		P		P	P	
500 x 450											P	P	
520 x 720		P/B	P/B	P/B	P/B	P/B	P/B	P	P/B	P/B	P/B	P	P
630 x 880		P/B	P/B	P/B	P/B	P/B	P/B		P/B		P		
640 x 340									P		P		
640 x 650				P	P	P	P		P		P		
640 x 900	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B
660 x 920			P/B	P/B	P/B	P/B	P		P/B		P/B		
720 x 1020	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P
813 x 1067					B								
900 x 1280					P/B	P/B							
1010 x 1410					B								
1065 x 1575					P/B	P/B	P/B	P/B					
1200 x 1600						B							
1250 x 1850					P	B	B				P		

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claro silk

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CLARO GLOSS

- What is it? A white coated paper and board suitable for a variety of print finishing processes
- Suitable for: Offset litho, letterpress, silk screen printing and HSWO. Varnishing, film lamination, foil blocking, embossing, spot UV, folding and die cutting
- Major attributes: Superb smoothness providing trouble free printing
- Environmental: FSC certification, ISO 9001:2008, ISO 14001:2004, EMAS and OHSAS 18001:19999
- Available : Next day from stock
- Further details: Contact your regional sales office for further information

CLARO GLOSS

TECHNICAL SPECIFICATIONS

SPEC / GSM	90	100	115	130	150	170	200	225	250	275	300	350	400
Brightness (D65/10°) (ISO2470) %	98	98	98	98	98	98	98	98	98	98	98	98	98
Gloss DIN 75°(MD) (DIN 54502) %	40	40	40	40	40	40	40	58	58	58	58	58	58
Opacity (ISO2471) %	90.5	92.5	93.5	95	96	97	98	98.5	98.5	99	99	99.5	99.5
Relative humidity (23°C) (TAPPI 502) %	50	50	50	50	50	50	50	50	50	50	50	50	50
PH Value (ISO6588)	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7
Spec. Volume (ISO534) cm^3/g	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

RANGE CHART

SIZE mm / GSM	90	100	115	130	150	170	200	225	250	275	300	350	400
320 x 450			P/B	P/B	P/B	P							
340 x 640				P	P								
450 x 320							P		P		P	P	
450 x 640	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B
480 x 650				P/B	P/B	P	P		P/B		P	P	
520 x 720		P/B	P/B	P/B	P/B	P/B	P/B	P	P/B	P	P/B	P	P
630 x 880		P/B	P/B	P/B	P/B	P/B	P						
640 x 650				P		P							
640 x 900	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P	P/B	P/B	P
660 x 920			P/B	P/B	P/B	P/B			P				
720 x 1020	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P	P/B	P	P/B	P/B	P
950 x 1850									B				
1065 x 1575					P/B	P/B	P/B		P/B				
1200 x 1600						P							
1250 x 1850						P							

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claro gloss

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CLARO BULK

- What is it? A white coated paper and board suitable for a variety of print finishing processes
- Suitable for: Offset litho, letterpress, silk screen printing and HSWO. Varnishing, film lamination, foil blocking, embossing, spot UV, folding and die cutting
- Major attributes: Unrivalled high bulk
- Environmental: FSC certification, ISO 9001:2008, ISO 14001:2004, EMAS and OHSAS 18001:19999
- Available: Next day from stock
- Further details: Contact your regional sales office for further information

CLARO BULK

TECHNICAL SPECIFICATIONS

SPEC / GSM	100	115	130	150	170	200	250	300
Brightness (D65/10°) (ISO2470) %	98	99	99	99	99	99	99	99
Roughness (ISO 8979-4) µm	4	3.3	3.3	3.3	3	3	3	3
Opacity (ISO2471) %	95	96	97	97	98	98	99	100
Relative humidity (23°C) (TAPPI 502) %	50	50	50	50	50	50	50	50
PH Value (ISO6588)	>7	>7	>7	>7	>7	>7	>7	>7
Spec. Volume (ISO534) cm^3/g	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

RANGE CHART

SIZE mm / GSM	100	115	130	150	170	200	250	300
450 x 640	P	P/B	P	P/B	P/B	P/B	P/B	P/B
640 x 900			P/B	P	P		P	P
720 x 1020			P	P	P		P	P

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claro bulk

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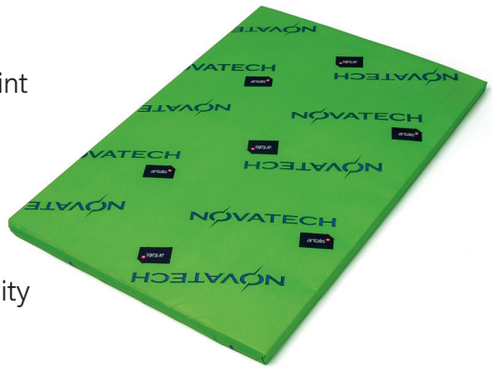
NOVATECH

Novatech is a coated paper and board range available in Matt and Gloss, manufactured using ultra modern coating technology to give outstanding print quality and superb runnability. An excellent whiteness and good opacity provides high colour fidelity and more accurate ink adjustment. Novatech offers trouble free, first class printing results.

Novatech offers an extensive range in 2 finishes – Matt and Gloss - all FSC certified in an extensive range of size and substances from SRA3 through to B1.

NOVATECH MATT & GLOSS



- What is it? A white coated paper and board suitable for a variety of print finishing processes
- Suitable for: Offset litho, letterpress, silk screen printing and HSWO. Varnishing, film lamination, foil blocking, embossing, spot UV, folding and die cutting
- Major attributes: Ultra modern coating delivering outstanding print quality
- Environmental: FSC certification, EMAS, ISO 14001, PAS 2020:2000
- Available: Next day from stock
- Further details: Contact your regional sales office for further information

NOVATECH MATT

TECHNICAL SPECIFICATIONS

SPEC / GSM	90	100	115	130	150	170	200	220	250	270	300	350
Bulk (cm3/g)	0.8	0.82	0.84	0.86	0.87	0.93	0.96	0.99	0.99	0.99	0.99	0.99
Stiffness M/D (Nmm)	0.45	0.65	1.05	1.6	2.4	6	11	18	18	18	18	18
Stiffness C/D (Nmm)	0.3	0.45	0.70	1.10	1.50	4	7	12	12	12	12	12
CIE Whiteness (%)	124	124	124	124	124	124	124	124	124	124	124	124
Opacity ISO (%)	95.5	96.3	97.6	98.5	99.4	100	100	100	100	100	100	100
Gloss 75° (%)	32	32	32	32	32	32	32	32	32	32	32	32

RANGE CHART

SIZE mm / GSM	90	100	115	130	150	170	200	220	250	270	300	350
320 x 450			P/B	P/B	P/B	P/B						
450 x 320							P		P/B		P/B	P
340 x 640			P	P	P	P	P		P		P	
450 x 640	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B
480 x 650			P/B	P/B	P/B	P/B	P		P/B		P	P
520 x 720	P/B	P	P/B	P/B	P/B	P/B	P	P	P/B		P/B	P/B
630 x 880	P	P/B	P/B	P/B	P/B	P/B	P		P			
640 x 650				P	P	P	P		P			
640 x 900	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P	P/B	P/B
660 x 920			P/B	P/B	P/B							
720 x 1020		P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B		P/B	P/B

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NOVATECH GLOSS

TECHNICAL SPECIFICATIONS

SPEC / GSM	90	100	115	130	150	170	200	220	250	270	300	350
Bulk (cm3/g)	0.8	0.82	0.84	0.86	0.87	0.93	0.96	0.99	0.99	0.99	0.99	0.99
Stiffness M/D (Nmm)	0.45	0.65	1.05	1.6	2.4	6	11	18	18	18	18	18
Stiffness C/D (Nmm)	0.3	0.45	0.70	1.10	1.50	4	7	12	12	12	12	12
CIE Whiteness (%)	124	124	124	124	124	124	124	124	124	124	124	124
Opacity ISO (%)	95.5	96.3	97.6	98.5	99.4	100	100	100	100	100	100	100
Gloss 75° (%)	32	32	32	32	32	32	32	32	32	32	32	32

RANGE CHART

SIZE mm / GSM	90	100	115	130	150	170	200	220	250	270	300	350
320 x 450			P	P/B	P/B	P/B						
450 x 320							P		P		P	P
340 x 640				P		P	P		P		P	
450 x 640	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P	P/B	P
480 x 650			P	P	P/B	P/B	P		P/B		P	P
520 x 720		P	P/B	P/B	P/B	P/B	P/B	P	P/B		P/B	P
630 x 880	P/B	P/B	P/B	P/B	P/B	P						
640 x 650				P	P		P		P		P	
640 x 900	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P	P/B	
660 x 920				P	P/B							
720 x 1020		P/B	P/B	P/B	P	P/B	P/B		P/B		P/B	

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NOVATECH

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2U

An exclusive range of high quality papers, supported by the FSC scheme, ensuring traceability of pulp supplies from the forest to your press. Choice is a key component of 2U. Available in two finishes; Silk and Gloss and everyday sizes from stock, including SRA2 through to B1, allowing you to make savings by identifying the most effective weight and size for your job. 2U delivers a quality result at a competitive price.

2U SILK & GLOSS

- What is it? A multi coated paper made with a Silk and Gloss finish from FSC certified pulps
- Suitable for: Offset litho, letterpress, silk screen printing, varnishing, film lamination, foil blocking, embossing, spot UV, metalised inks, folding and die cutting
- Major attributes: Quality results at a competitive price
- Environmental: FSC certification, ISO 14001, PAS 2020:2000
- Available: Next day from stock
- Further details: Contact your regional sales office for further information

2U SILK

TECHNICAL SPECIFICATIONS

SPEC / GSM	100	115	130	150	170	200	250	300
Brightness (illuminant D65/10°) ISO 2470	96	96	96	96	96	98	98	98
Roughness PPS ISO 8791-4	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Opacity ISO 2471	93.5	95	96	97.5	98	98.5	98.5	99
Relative Humidity (23°C) TAPPI 502	50	50	50	50	50	50	50	50
PH Value ISO 6588	>7	>7	>7	>7	>7	>7	>7	>7
Spec. Volume ISO 534	0.82	0.83	0.83	0.85	0.85	0.88	0.90	0.94

RANGE CHART

SIZE mm / GSM	100	115	130	150	170	200	250	300
450 x 640	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B
520 x 720	P/B	P/B	P/B	P/B	P/B		P/B	P/B
630 x 880		P/B	P/B	P/B	P/B			
640 x 900	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B
720 x 1020		P/B	P/B	P/B	P/B		P	P

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2U GLOSS

TECHNICAL SPECIFICATIONS

SPEC / GSM	100	115	130	150	170	200	250	300
Brightness (illuminant D65/10°) ISO 2470	96	96	96	96	96	96	98	98
Roughness PPS ISO 8791-4	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Opacity ISO 2471	93.5	95	96	97.5	98	98.5	98.5	99
Relative Humidity (23°C) TAPPI 502	50	50	50	50	50	50	50	50
PH Value ISO 6588	>7	>7	>7	>7	>7	>7	>7	>7
Spec. Volume ISO 534	0.82	0.83	0.83	0.83	0.85	0.88	0.90	0.94

RANGE CHART

SIZE mm / GSM	100	115	130	150	170	200	250	300
450 x 640	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B
520 x 720		P/B	P/B	P/B	P/B		P	P
630 x 880		P/B	P/B	P/B	P/B			
640 x 900	P/B	P/B	P/B	P/B	P/B	P/B	P/B	P/B
720 x 1020		P/B	P/B	P/B	P/B		P	P

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CHALLENGER LASER MATT

Challenger Laser Matt is a coated paper range ideal for report and accounts in a range of sizes in SRA2, SRA1 and B1 in substances of 80gsm up to 170gsm. This coated paper range offers excellent print results.

CHALLENGER LASER MATT

- What is it? A single coated matt paper guaranteed for litho printing and subsequent mono laser printing
- Suitable for: Offset litho, mono laser overprinting, letterpress and screen. Direct mail, transactional and personalised print
- Major attributes: A coated paper for excellent print results using low substances. Its opacity ensures yield and economy
- Available: Next day from stock. CutStar reels and forms-width reels available ex mill. Also available ex mill in matching board weights up to 300gsm
- Further details: Contact your regional sales office for further information

CHALLENGER LASER MATT

TECHNICAL SPECIFICATIONS

SPEC / GSM	80	90	100	115	135	150	170
Stiffness M/D (Nmm)	0.15	0.22	0.40	0.65	0.95	1.40	1.80
Stiffness C/D (Nmm)	0.07	0.11	0.22	0.30	0.50	0.80	1.00
CIE Whiteness (%)	123	123	123	123	123	123	123
Opacity ISO (%)	91	93	94	96	97	97	98
Gloss 75° (%)	15	15	15	15	15	15	15

RANGE CHART

SIZE mm / GSM	80	90	100	115	135	150	170
450 x 640	P	P	P	P/B	P/B	P/B	P/B
640 x 900	P	P	P	P/B	P	P/B	P
720 x 1020			P/B	P	P	P/B	P

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LASER MATT PLUS
Challenger

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CHALLENGER GLOSS LITE

Challenger Gloss Lite is a coated paper range offering an ideal solution to the lightweight problem with a special furnish for a smooth, opaque and gloss finish. With excellent opacity Challenger Gloss Lite is available in 3 sizes, SRA2, SRA1 and B1 and substances 70, 80 and 90gsm.

CHALLENGER GLOSS LITE

- What is it? A lightweight gloss multi coated paper with excellent opacity levels
- Suitable for: Offset litho and letterpress printing. Sheet fed magazine printing, directories and manuals, event programmes, manuals, gift wrap and general commercial print. Ideal for wire and adhesive binding
- Major attributes: A multi coated paper for excellent print results using low substances. Its opacity ensures yield and economy
- Environmental: ISO 9001, ISO 14001, OHSAS 18001. European Standard For Safety of Toys DIN EN 71 (ISEGA). German recommendation XXXVI (contact with food). PEFC or FSC available on request
- Available: Next day from stock. CutStar reels available ex mill in both gloss and silk. Also available ex mill in 65gsm, 75gsm and 100gsm
- Further details: Contact your regional sales office for further information

CHALLENGER GLOSS LITE

TECHNICAL SPECIFICATIONS

SPEC / GSM	70	80	90
Bulk (cm3/g)	0.8	0.82	0.84
Stiffness M/D (Nmm)	0.45	0.65	1.05
Stiffness C/D (Nmm)	0.3	0.45	0.70
CIE Whiteness (%)	124	124	124
Opacity ISO (%)	95.5	96.3	97.6
Gloss 75° (%)	32	32	32

RANGE CHART

SIZE mm / GSM	70	80	90
450 x 640	P	P/B	P
640 x 900	P/B	P/B	P/B
720 x 1020		P/B	P/B

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LASER GLOSS PLUS
Challenger

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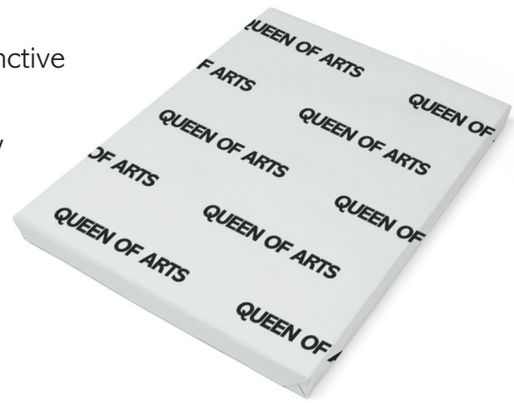
QUEEN OF ARTS IVORY SILK

Queen of Arts Ivory Silk is a premium quality triple coated two sided coated paper and board range available in size SRA2 and substances 135, 170, 250 and 350gsm. Ideal for archival purposes, this environmentally friendly range has a subtle ivory tint.

QUEEN OF ARTS IVORY SILK



- What is it? A premium quality silk coated paper and board in a distinctive and subtle ivory shade.
- Suitable for: Offset litho, letterpress and screen printing. High quality brochures and general promotional print including covers, folders, invitations and menus
- Major attributes: First class printability and a classical and consistent ivory shade
- Environmental: ISO 9001, ISO 14001, OHSAS 18001
- Available: Next day from stock
- Further details: Contact your regional sales office for further information

QUEEN OF ARTS IVORY SILK

TECHNICAL SPECIFICATIONS

SPEC / GSM	135	170	250	350
Bulk (cm3/g)	0.91	0.96	1.02	1.08
Stiffness M/D (Nmm)	1.1	2.2	7.6	24.7
Stiffness C/D (Nmm)	0.6	1.6	4.7	16
CIE Whiteness (%)	90	90	90	90
Opacity ISO (%)	95	97	100	100
Gloss 75° (%)	30	30	30	30

RANGE CHART

SIZE mm / GSM	135	170	250	350
450 x 640	P	P	P	P

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HERCULES CHROMO

Hercules Chromo is a high quality one sided triple coated label paper range available in sizes SRA2, B2, SRA1 and B1 in substances 100 and 120gsm. Ideal for board lamination and labelling applications and has an ultra white base and gloss coating formulated for optimum ink reception.

HERCULES CHROMO

- What is it? A high quality one sided coated label paper
- Suitable for: Offset litho, flexography, gravure and hot foil blocking. Labels, lamination onto board, book jackets, can and bottle labelling
- Major attributes: Ultra white base and gloss coating formulated for optimum ink reception
- Environmental: ISO 9001, ISO 14001, OHSAS 18001
- Available: Next day from stock
- Further details: Contact your regional sales office for further information

HERCULES CHROMO

TECHNICAL SPECIFICATIONS

SPEC / GSM	100	120
Bulk (cm3/g)	0.8	0.82
Stiffness M/D (Nmm)	0.45	0.65
Stiffness C/D (Nmm)	0.3	0.45
CIE Whiteness (%)	124	124
Opacity ISO (%)	95.5	96.3
Gloss 75° (%)	32	32

RANGE CHART

SIZE mm / GSM	100	120
450 x 640	P	P
520 x 720	P/B	P/B
640 x 900	P	P
720 x 1020	P	P/B

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Printed on Claro Bulk 300gsm
Jan 2013

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