

Digigreen.  
Green invades digital.

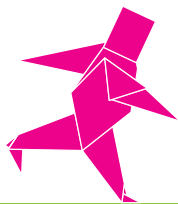
Paper for digital printing





 digigreen<sup>®</sup>

antalis<sup>TM</sup>  
Just ask Antalis

Digigreen  
100% digital  
100% green



Ready  
to print



Introducing Digigreen, a premium, multi-function paper, guaranteed for both HP Indigo and Dry Toner. It's the only paper range you'll ever need.

The importance of using a reliable and recycled paper has increased dramatically. Together with a rise in digital print it is becoming increasingly important to find a sheet that ticks all the boxes and gives you excellent print results to be proud of. Digigreen has been developed exclusively by Antalis with this in mind. Providing exceptional printing quality while meeting even the most stringent environmental standards.

**100% digital** – tested and approved on all digital presses. Digigreen has been HP Indigo certified and is also fully compatible with all dry toner printing technologies (Xerox DocuColor, iGen 3 & 4, Kodak NexPress, Canon, Konica Minolta, MGI, Ricoh and Xeikon).

**100% green** – made from a minimum of 50% recycled fibres, Digigreen has a FSC® Mix Credit certification and European Ecolabel accreditation.

Available in a comprehensive range of digital sizes from 100gsm to 350gsm, in both Gloss and Silk, Digigreen is available in reams, cut to the exact size required by your digital press, from SRA3 to the iGen 3 and 4 formats.

Digigreen - a high quality range of digitally guaranteed papers without compromising on the environment. . . what more could you need?

# Digigreen: at the heart of “d2b”

## The ‘Digital to Business’ initiative of Antalis

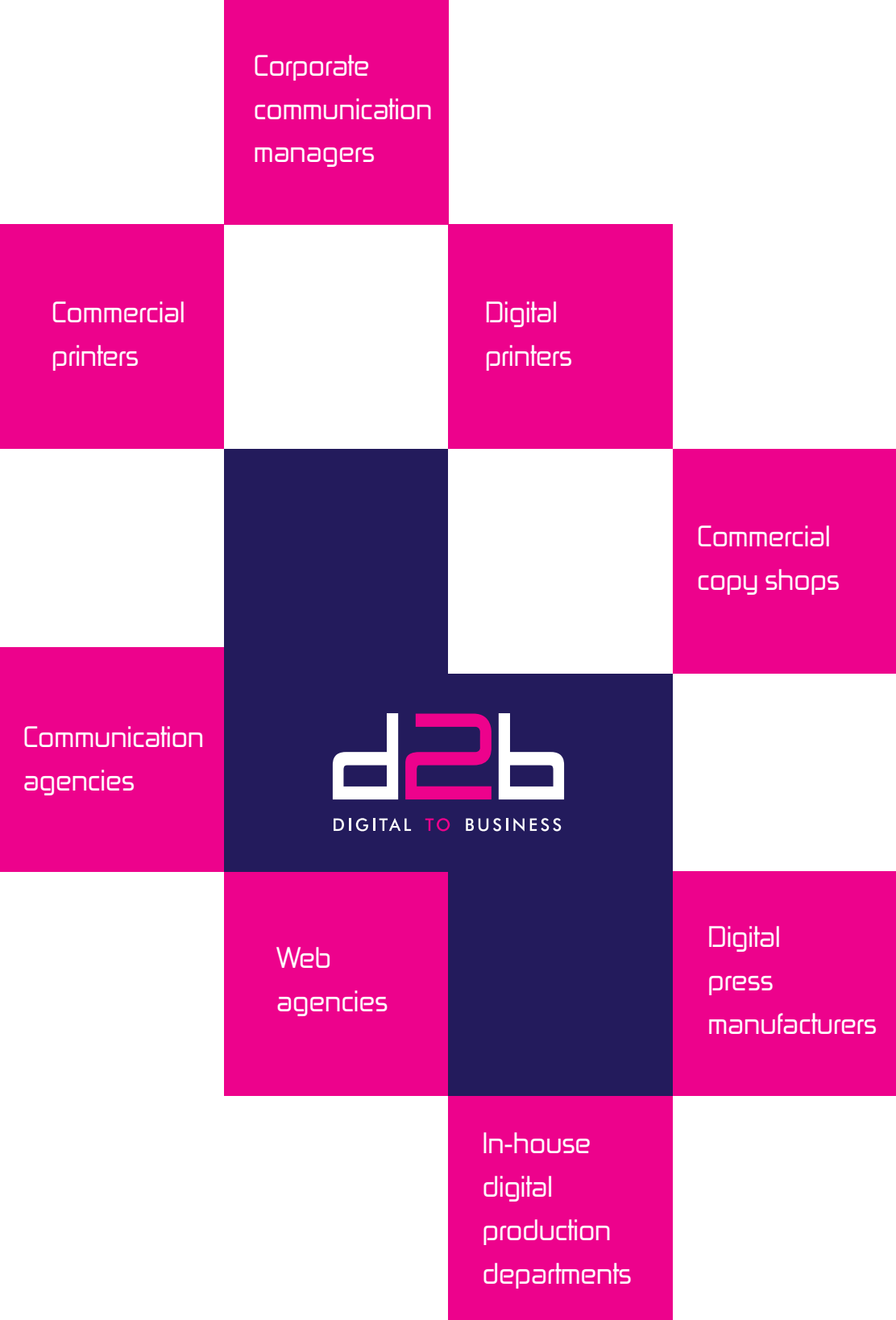
Digital print is revolutionising the world of printing. This is why Antalis has launched the d2b ‘Digital to Business’ initiative, to help you harness industry developments and capture emerging business opportunities, improving your profitability.

New printing materials, technical advances such as new varnishes and white ink, also new types of application such as personalisation, print-on demand and cross-media marketing campaigns are just some of the developments that digital print has made possible.

To take advantage of these opportunities Antalis is bringing together a network of digital printers, communication agencies, advertisers, publishers, paper producers and digital equipment manufacturers, in-house digital production centres and commercial copy shops to share expertise, experiences and best practice between all these stakeholders.

The Digigreen range naturally fits into this initiative by offering premium papers specially designed for digital printing.

# Connect to the d2b network



Just ask Antalis

# 100% digital

Digigreen is an integral part of the Antalis Digital to Business initiative.

■ Wide range of weights and formats

Including SRA3, SRA3+, i-Gen 3 and i-Gen 4 sizes. Its accurate cutting prevents paper edge bonding jams and duplex registration issues for trouble free printing.

■ Compatibility with digital printing technologies

Optimal performance on all colour or black and white digital technologies, using liquid toner or dry toner. Digigreen Gloss and Silk are both certified with HP Indigo and are fully compatible with all dry toner digital production presses.

## Compatibility chart

	HP Indigo	Canon	Konica Minolta	MGI	Ricoh	Xerox	Kodak	Xeikon
Digigreen Gloss		■	■	■	■	■	■	■
Digigreen Silk		■	■	■	■	■	■	■

■ Compatible  HP Indigo certified

■ Printing quality

Offers a uniform ultra-smooth surface and a superior toner adhesion, which provide the highest printing quality. Its excellent printability and runnability ensures trouble free printing.

■ Bulk, opacity and whiteness

Outstanding whiteness (CIE 124) comparable to virgin fibre papers, and with very low dirt spot count for a recycled paper. At the same time, it brings high bulk and good opacity, which makes Digigreen the ideal alternative to standard digital papers.

■ Preventive maintenance

An ultra-clean paper that reduces paper dust contamination and increases productivity and digital equipment life.

# Digigreen: 100% Green

## Delivering sustainable solutions

Antalis takes its environmental responsibility seriously and our sustainable development strategy reflects this. We offer our customers a wide range of environmentally friendly products, from PEFC or FSC certified papers to recycled papers and materials, in all sectors including papers for printing or for the office, solutions for packaging and visual communication.

We are also the first merchant in the market to have set up a multi-site FSC and PEFC certification to ensure full traceability and transparency through the entire supply chain. Our carefully selected suppliers abide by our green "Supplier code of conduct" and we are the first merchant to achieve the Carbon Trust Standard in recognition of our efforts to reduce our carbon footprint.

A few steps towards a better planet. Need sustainable development solutions? Just ask Antalis McNaughton.

## Digigreen environmental benefits

100% digital, 100% green - Digigreen ticks all the boxes for an environmentally friendly paper guaranteed for digital printing, including:

- 100% FSC® Mix Credit certified.
- European Ecolabel and NAPM 50% certified.
- Made from a combination of recycled fibres (minimum 50% post-consumer fibres) .
- Production is controlled by the ISO 14001 environmental management system.

By using Digigreen Gloss or Silk you are generating ecological savings compared to a paper made from 100% virgin fibres. For example, printing 3000 copies of this document on Digigreen reduced water use by 35%, electricity by 20%, CO<sub>2</sub> emissions by 23% and 554 kg of waste was removed from landfill\*. Consuming recycled paper also reduces the usage of chemicals that have large embedded greenhouse gas emissions.

**Digigreen also complies with REACH certification (Registration, Evaluation and Authorisation of Chemicals)**, a European standard designed to reduce the use of chemical products in the manufacturing and distribution process.

\* Sources: BREF data for energy and water, The Carbon Neutral Company for CO<sub>2</sub>.

# Digigreen means environmentally friendly practices

In addition to the environmental benefits of Digigreen, digital printing is also a way to reduce the impact of a printing job on the environment.

## ■ On demand production

Short-run printed documents reduce or eliminate warehousing costs, energy requirements and waste paper

## ■ Digital workflow

Electronic job ordering, submission and electronic proofing processes reduce paper usage and associated costs

## ■ Reduced chemicals and disposal costs

No films or plates are needed: their associated chemical and disposal costs are reduced

# 100% green and we've got the credentials to prove it

Digigreen Gloss and Silk are FSC and EU Ecolabel certified. Plus, both are NAPM approved. But what does this all mean?



The Forest Stewardship Council<sup>®</sup> (FSC) is an independent, not for profit, non-government organization established to support environmentally appropriate, socially beneficial, and economically viable management of the world's forests. FSC's vision is where the world's forests meet the social, ecological, and economic rights and needs of the present generation without compromising those of future generations.



European Ecolabel - European certification managed by the European commission with independent and impartial organisations responsible for implementing at national level. The EU Ecolabel guarantees a very low environmental impact in the manufacturing of paper through low air and water emissions, reduced consumption of electricity, improved waste recovery and preventive measures with regards to human health.



NAPM (National Association for Paper Merchants) - British association of paper merchants that promotes the use of the NAPM recycled mark for qualifying recycled papers.



# Digigreen range chart

Digigreen Gloss	320 x 450 mm	450 x 320 mm	320 x 460 mm	460 x 320 mm	364 x 521 mm	521 x 364 mm
100 gsm	☒		☒		☒	
115 gsm	☒		☒		☒	
130 gsm	☒		☒		☒	
150 gsm	☒		☒		☒	
170 gsm	☒		☒		☒	
200 gsm		☒		☒		☒
250 gsm		☒		☒		☒
300 gsm		☒		☒		☒
350 gsm		☒		☒		☒

Digigreen Silk	320 x 450 mm	450 x 320 mm	320 x 460 mm	460 x 320 mm	330 x 482 mm	482 x 330 mm	364 x 521 mm	521 x 364 mm	364 x 571 mm	571 x 364 mm
100 gsm	☒		☒		☒		☒		☒	
115 gsm	☒		☒		☒		☒		☒	
130 gsm	☒		☒		☒		☒		☒	
150 gsm	☒		☒		☒		☒		☒	
170 gsm	☒		☒		☒		☒		☒	
200 gsm		☒		☒		☒		☒		☒
250 gsm		☒		☒		☒		☒		☒
300 gsm		☒		☒		☒		☒		☒
350 gsm		☒		☒		☒		☒		☒

☒ Packet wrapped

# Technical specifications & guide

Digigreen is suitable for all varnishes, film lamination, foil blocking, embossing, folding and die-cutting.

Pre-creasing is recommended for 150gsm and over.

For all heavy grammages, a protective varnish is recommended.

Applications :

- Newsletters

- Brochures

- Catalogues

- On-demand books
- Calendars

- Banners

- Manuals

- Direct mail

- CSR reports
- Magazines

- Greeting cards

- Business cards

- Invitations

- Menus, etc

## Digigreen Gloss

Digigreen Gloss	Standard	Unit									
Basis weight	ISO 536	gsm	100	115	130	150	170	200	250	300	350
Whiteness	CIE	%	124								
Roughness Bendtsen	ISO 8791-2	MI/min	18	18	10	14	20	24	30	40	50
Opacity	ISO 2471	%	91	93	95	96	97	98	99	99	100
Relative humidity	TAPPI 502	%	50								
pH value	ISO 6588	-	> 7								
Spec. volume (main)	ISO 534	cm³/g	0.74	0.73	0.70	0.72	0.73	0.75	0.75	0.78	0.80
Dynamic stiffness MD		mN.m	0.3	0.4	0.6	0.8	1.2	1.9	4.0	7.1	11.8
Dynamic stiffness CD		mN.m	0.2	0.3	0.4	0.5	0.8	1.4	2.8	4.7	7.9

# Digigreen Silk

Digigreen Silk	Standard	Unit									
Basis weight	ISO 536	gsm	100	115	130	150	170	200	250	300	350
Whiteness	CIE	%	124								
Roughness Bendtsen	ISO 8791-2	MI/min	60	55	50	50	70	70	80	100	120
Opacity	ISO 2471	%	93	94.5	96	97	98	99	99	99	100
Relative humidity	TAPPI 502	%	50								
pH value	ISO 6588	-	> 7								
Spec. volume (main)	ISO 534	cm³/g	0.86	0.87	0.85	0.85	0.86	0.87	0.94	0.97	1.00
Dynamic stiffness MD		mN.m	0.4	0.6	0.9	1.2	1.8	2.8	6.1	11.3	18.4
Dynamic stiffness CD		mN.m	0.3	0.4	0.6	0.8	1.2	1.8	4.3	7.5	12.1

\* These values are to be considered only as indications and are subject to change according to trade tolerances in the quality specification.



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GB/2011 - Cover: Digigreen Silk 350 gsm; Inside: Digigreen Gloss 150 gsm