Dye Sublimation Papers



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sappi

Unlocking the power of trees to make every day more sustainable

Sappi is a leading global provider of everyday materials made from woodfibre-based renewable resources.

As a diversified, innovative and trusted leader focused on sustainable processes and products, we are building a more circular economy by making what we should, not just what we can.

Our packaging, speciality and graphic paper products and solutions are manufactured from woodfibre sourced from sustainably managed forests and plantations. The production facilities are powered, in many cases, with bio-energy from steam and existing waste streams.

Together with our partners, Sappi works to build a thriving world by acting boldly to support planet, people and prosperity.

Dye Sublimation Papers

Dye Sublimation Papers



Self-adhesive Base Papers

Silicone Base Papers



Label Papers (face stock)



Packaging Papers and Boards

Flexible Packaging Papers



Functional Paper Packaging



Label Papers



Containerboard



Paperboard



Graphic Papers

Commercial Print Papers



Publication Papers



People like you, paper like no other

As a leading global provider of sustainable woodfibre products and solutions, Sappi delivers speciality papers alongside packaging and graphic papers to meet our customers' specific needs.

This means that we are focused on providing an extensive range of responsible, innovative products and services to increase the efficiency, attractiveness and profitability of your brand offering.

At Sappi, our approach is reflected in our core values: innovation, sustainability, effectiveness and partnership.

Innovation you can count on for your long-term success

We are dedicated to practical, real-world innovation for the benefit of our customers, industry and planet. We invest responsibly in original products, services and solutions that offer something new and make a real difference.

Thanks to an ongoing programme of major investment, we continue to add new products to our portfolio. Products that answer real customer needs. Our prestigious research and development department aims to introduce at least two fibre-based innovations per year.





A rigorous approach to sustainability

Our Sappi purpose sets sustainability at its core. We are here to build a thriving world by unlocking the power of renewable resources that benefit people, communities and the planet.

Our business is based on activating the performance potential that lies within renewable resources to strengthen how we all live, work and prosper.

We are fully focused on the capacity of woodfibre and biomaterials to contribute to the creation of a circular economy. We want to satisfy today's needs without compromising tomorrow's prospects.

A restless pursuit of the circular economy

We utilise natural, renewable resources to create sustainable consumer products for society. That's why we incorporate sustainability into all operational aspects of our business, including developing innovative models to facilitate recycling and minimise waste.

At Sappi, we run our business in a financially viable, environmentally sound and socially responsible manner. We also uphold the best-practice standards in global sustainability. We regularly measure, monitor and communicate our economic, social and environmental performance. Moreover, we keep all processes transparent and maintain a suite of certifications to ensure our actions are independently assessed and validated.





Today's needs – and tomorrow's opportunities

Paper has long been an effective answer to a wide range of needs and opportunities. We believe, never more so than today.

As brands turn away from fossil-based solutions to the problems of getting their products into the hands of their customers in the right way, in the right moment and with the right message, we are there. Our products, engineers and application specialists are on hand to provide effective options and alternatives.

Meanwhile, print is proving that it can reach today's audiences in ways that other marketing channels are unable to emulate. This is where we step in. We provide the products, services and expertise that place print at the heart of the modern marketing mix.

Dedicated to our customers as valued partners

We believe in the future of paper as an increasingly valuable, vital investment for businesses smart enough to take advantage of what the best in packaging, speciality paper applications and print can offer.

That's why we work closely with our customers as partners – providing not just innovative products but also one-of-a-kind services and support, custom-made to help boost your business. We are always available to discuss your business issues, challenges and opportunities.



Dye Sublimation Papers

HEXADIS



Dossier papiers de sublimation

Dye Sublimation Papers

Our portfolio of dye sublimation papers includes coated and uncoated papers for digital transfer printing with water-based dye sublimation inks.

Already used widely by demanding customers in fashion, home textiles, sportswear, sports equipment, soft signage and hard substrates, these sublimation papers are designed to consistently deliver maximum colour transfer with minimum ink consumption.

Suitable for both industrial and non-industrial printers, the papers are adapted for a range of different machine types and speeds – to cover a wide variety of polyester-based applications.

At Sappi you get more than just the right dye sublimation paper for your particular product. We also offer valuable support through our team of specialised, experienced engineers available to offer expert colour management advice and assistance with optimising your entire production process from start to finish.



FEATURES

- Perfect flatness
- High inkload capacity
- Short transfer times
- Fast ink drying
- Tacky effect
- Reduced transfer temperature
- Smooth reverse side
- High dimensional stability
- Excellent paper stiffness

BENEFITS

- High quality and excellent performance
- Perfect runnability on all common printing systems, including high-speed with glue belt
- Enhanced colour release and densities
- Maximum reduction of textile shrinkage
- High transfer rate
- User friendly traceability
- Low ink consumption
- FSC and ISO certifications

Dye Sublimation Papers

COATED

- Transjet Eco II
- Transjet Sportsline
- Transjet Sportsline Hi-Tack
- Transjet Tacky Industrial
- Transjet Boost
- Transjet Fashion
- Transjet Industrial
- Transjet Drive

UNCOATED

- Basejet

Dye Sublimation Papers

	BRAND	CHARACTERISTICS	SUGGESTED PRINTER	APPLICATIONS	g/m²	REEL TYPE	Fashion	Home textiles	Soft signage	Sportswear and equipment	Hard substrates
COATED	Transjet Eco II	For application on a wide range of polyester-based substrates and textiles for outstanding quality and cost-effectiveness.	Plotter	Fashion, home textiles, soft signage, sportswear, hard substrates	68, 95	Plotter rolls, jumbo rolls, mini jumbo rolls, large format up to 320 cm	•	•	•	•	•
COATED	Transjet Sportsline	Special heat-active coating to create adhesion to stretchable textiles. The reversible tack between paper and textile prevents ghosting and reduces textile shrinkage.	Plotter	Sportswear, (very elastic) home textiles	90, 100	Plotter rolls, jumbo rolls, mini jumbo rolls, large format up to 320 cm		•		•	
COATED	Transjet Sportsline Hi-Tack	Enhanced tack effect to work with extremely elastic textiles. Perfect to achieve maximum reduction of textile shrinkage.	Plotter	Sportswear, (very elastic) home textiles	90, 100	Plotter rolls, jumbo rolls, mini jumbo rolls, large format up to 320 cm		•		•	
COATED	Transjet Tacky Industrial	Special heat-active coating to create adhesion to stretchable textiles. The light reversible tack between paper and textile prevents ghosting and reduces textile shrinkage. Specially designed for industrial printers using inks with a higher glycol content, e.g. for Kyocera print heads.	Industrial printers	Sportswear, (very elastic) home textiles	100	Plotter rolls, jumbo rolls, mini jumbo rolls, large format up to 320 cm		•		•	
COATED	Transjet Boost	Instant-drying and excellent colour release to enable high-speed printing with industrial dye sub inks with a higher glycol content, e.g. for Kyocera print heads.	Plotter and industrial printers	Fashion, home textiles, soft signage, sportswear, hard substrates	70, 85, 130	Plotter rolls, maxi plotter rolls, jumbo rolls, mini jumbo rolls, large format up to 320 cm	•	•	•	•	•
COATED	Transjet Fashion	Sublimation paper of ultra-light grammage to reduce cost and improve productivity of industrial production processes. Especially designed to use with a limited ink load.	Plotter and industrial printers	Fashion, home textiles	45	Plotter rolls, jumbo rolls, mini jumbo rolls, large format up to 320 cm	•	•			
COATED	Transjet Industrial	Fast ink absorption and drying to print on high-speed digital printers.	Industrial printers	Fashion, home textiles, soft signage, sportswear, hard substrates	60, 100	Jumbo rolls, mini jumbo rolls, large format up to 320cm	•	•	•	•	•
COATED	Transjet Drive	A special reverse side treatment to generate high runnability on industrial printers with a glue belt system.	Industrial printers including glue-belt system	Fashion, home textiles, soft signage	45, 55	Plotter rolls, maxi plotter rolls, large format up to 320cm	•	•	•		
UNCOATED	Basejet	Uncoated dye sublimation paper enables controlled, reproducible results thanks to a very smooth, closed printing side. This paper is designed for high productivity processes combined with cost leadership.	Plotter and industrial printers	Fashion, home textiles	20, 30 40, 50	Maxi plotter rolls, jumbo rolls, mini jumbo rolls, large format up to 320 cm	•	•			

sappi | Transjet Eco II

Coated sublimation paper for digital transfer printing with water-based dye sublimation inks, designed for non-industrial printers.

BENEFITS

- High transfer rate
- Fast ink-drying
- Excellent colour brilliance and colour release

FEATURES	
SUITABLE INKS	Water-based dye sublimation inks
FORMAT	Reel
PRINTER	Plotter
CERTIFICATES	Available as FSC™
GRAMMAGE (GSM)	68, 95
END USES	Fashion, home textiles, soft signage, sportswear, hard substrates

sappi | Transjet Sportsline

Thermal adhesive coated sublimation paper for digital transfer printing with water-based dye sublimation inks. Designed for non-industrial printers.

BENEFITS

- Brilliant colours
- Excellent colour release
- Good lay-flatness
- Tacky effect
- High transfer rate
- Fast ink-drying
- No ghosting with elastic textile as there is no movement between paper and fabric during transfer
- Reversible tack between sublimation paper and fabric after transfer

FEATURES	
SUITABLE INKS	Water-based dye sublimation inks
FORMAT	Reel
PRINTER	Plotter
CERTIFICATES	Available as FSC™
GRAMMAGE (GSM)	90, 100
END USES	Sportswear, (very elastic) home textiles

sappi | Transjet Sportsline Hi-Tack

Enhanced thermal adhesive coated paper for reinforced transfer printing with water-based dye sublimation inks. Enhanced tack-effect to work with a wide range of polyester textiles. Maximum reduction of textile shrinkage can be achieved. Designed for non-industrial printers.

BENEFITS

- Brilliant colours
- Excellent colour release
- Good lay-flatness
- Enhanced tack effect
- High transfer rate
- Fast ink-drying
- No ghosting with elastic textile as there is no movement between paper and fabric during transfer
- Enhanced reversible tack between sublimation paper and fabric after transfer

FEATURES	
SUITABLE INKS	Water-based dye sublimation inks
FORMAT	Reel
PRINTER	Plotter
CERTIFICATES	Available as FSC™
GRAMMAGE (GSM)	90, 100
END USES	Sportswear, (very elastic) home textiles

sappi | Transjet Tacky Industrial

Thermal adhesive coated sublimation paper designed for high speed digital transfer printing with water-based dye sublimation inks.

BENEFITS

- Dedicated for high speed production
- High transfer rate
- Excellent ink-drying
- Outstanding colour release
- Reversible light tack between sublimation paper and fabric during transfer
- No ghosting while transferring with either calander or flatbed press
- Light tack preventing damages to sensitive textiles
- Reduction of textile shrinkage

FEATURES	
SUITABLE INKS	Water-based dye sublimation inks
FORMAT	Reel
PRINTER	Industrial printers
CERTIFICATES	Available as FSC™
GRAMMAGE (GSM)	100
END USES	Sportswear, (very elastic) home textiles

sappi Transjet Boost

Coated sublimation paper for digital transfer printing with water-based dye sublimation inks. Perfectly suitable for both industrial and non-industrial printers.

BENEFITS

- Ultra-fast ink absorption and drying
- Excellent runnability and outstanding efficiency
- Enhanced colour release and densities

FEATURES	
SUITABLE INKS	Water-based dye sublimation inks
FORMAT	Reel
PRINTER	Plotter and industrial printers
CERTIFICATES	Available as FSC™
GRAMMAGE (GSM)	70, 85, 130
END USES	Fashion, home textiles, soft signage, sportswear, hard substrates

sappi Transjet Fashion

A coated sublimation paper for digital transfer printing with water-based dye sublimation inks. Perfectly suitable for industrial printers.

BENEFITS

- Ultra-light grammage
- Fast ink-drying
- Excellent and fast colour release
- Good paper stiffness
- Ideal for use in cost-driven and high-speed productivity processes
- Productions on industrial scale e.g. fashion wear

FEATURES	
SUITABLE INKS	Water-based dye sublimation inks
FORMAT	Reel
PRINTER	Industrial printers including glue-belt systems
CERTIFICATES	Available as FSC™
GRAMMAGE (GSM)	45
END USES	Fashion, home textiles

sappi | Transjet Industrial

Coated sublimation paper for digital transfer printing with water-based dye sublimation inks. Perfectly suitable for industrial printers.

BENEFITS

- Fast ink absorption and drying
- Excellent runnability on high-speed machines
- Enhanced colour release and densities

FEATURES	
SUITABLE INKS	Water-based dye sublimation inks
FORMAT	Reel
PRINTER	Industrial printers
CERTIFICATES	Available as FSC™
GRAMMAGE (GSM)	60, 100
END USES	Fashion, home textiles, soft signage, sportswear, hard substrates

sappi | Transjet Drive

Coated sublimation paper for digital transfer printing with water-based dye sublimation inks. Perfectly suitable for industrial printers and printers with glue-belt system.

BENEFITS

- Ultra-smooth backside
- Ultra-light grammage
- Fast ink-drying
- Excellent and fast colour release
- High dimensional stability
- Ideal for use in cost-driven and high-speed productivity processes

FEATURES	
SUITABLE INKS	Water-based dye sublimation inks
FORMAT	Reel
PRINTER	Industrial printers including glue-belt systems
CERTIFICATES	Available as FSC™
GRAMMAGE (GSM)	45, 55
END USES	Fashion, home textiles, soft signage

sappi | Basejet

Uncoated dye sublimation paper for digital transfer printing with water-based dye sublimation inks. Especially designed for high-speed printers and for light designs.

BENEFITS

- Light to ultra-light grammages
- Fast ink drying
- Good colour release
- Enhanced consistency

FEATURES	
SUITABLE INKS	Water-based dye sublimation inks
FORMAT	Reel
PRINTER	Plotter and industrial printers
CERTIFICATES	Available as FSC™
GRAMMAGE (GSM)	20, 30, 40, 50
END USES	Fashion, home textiles

Production sites of Dye Sublimation Papers



SAPPI ALFELD (GERMANY)

Name of the mill	Alfeld Mill				
	PM 1	PM 2	PM 3	PM 4	PM 5
Annual capacity (tonnes)	60,000	120,000	45,000	45,000	40,000
Width of paper machine (m)	3.3	4.6	4.8	3.3	4.8
Grammage range (gsm)	160 - 500	40 - 180	36 - 100	62 - 180	18 - 60
Production of speciality paper	**Dye Sublimation Papers**, Self-adhesive Base Papers, Packaging Papers and Boards und Graphic Papers				

Products are available FSC™ (FSC™ C015022) or PEFC (PEFC/07-32-76) certified upon request.



SAPPI CARMIGNANO (ITALY)

Name of the mill	Carmignano Mill	
	PM 4	PM 6
Annual capacity (tonnes)	100,000	
Width of paper machine (m)	3.40	3.30
Grammage range (gsm)	40 - 125	40 - 70
Production of speciality paper	**Dye Sublimation Papers**, Flexible Packaging Papers, Label Papers	

Products are available FSC™ (FSC™ C015022) or PEFC (PEFC/07-32-76) certified upon request.



SAPPI CONDINO (ITALY)

Name of the mill	Condino Mill
	PM 5
Annual capacity (tonnes)	60,000
Width of paper machine (m)	3.60
Grammage range (gsm)	40 - 200
Production of speciality paper	**Dye Sublimation Papers**, Silicone Base Papers, Flexible Packaging Papers

Products are available FSC™ (FSC™ C015022) or PEFC (PEFC/07-32-76) certified upon request.



Sappi at a glance

Sales: USD 5.265 million

Production facilities: 10 in Europe, 4 in North America and 5 in South Africa

- Paper capacity per year: 5.5 million tonnes
- Paper pulp capacity per year: 2.5 million tonnes
- Dissolving pulp (DP) capacity per year: 1.4 million tonnes

394,000 ha owned and leased sustainably managed forests in South Africa

Approximately 12,500 employees worldwide

Global network, infrastructure and business in 150 countries

Figures based on Sappi 2021 Annual Integrated Report



Sustainability at Sappi. Every day and every shift.

Our business relies on natural, renewable resources. These resources enable us to create sustainable products for society's use. This connection to nature also compels us to act responsibly and ensure that sustainability is incorporated into all aspects of our operations.

Sappi holds itself accountable to global sustainability best practice standards by transparently and regularly measuring, monitoring and communicating its economic, social and environmental performance. We also maintain a suite of certifications to ensure that our actions are assessed and validated independently.

Forest certification provides assurance that the woodfibre used for our products originates from responsibly-managed forests. All our mills are Chain of Custody certified and thus well-positioned to offer certified products to our customers. Knowing the origin of woodfibre is a fundamental prerequisite for responsible sourcing.

Sappi requires rigorous tracing practices and evidence that all woodfibre is sourced from controlled, non-controversial sources in accordance with the FSC Controlled Wood Standard, as well as the PEFC (and SFI® in the United States) risk-based due diligence systems. FSC-controlled wood mitigates the risk of forest products originating from unacceptable sources (fsc.org/en/cw).

SUSTAINABLE DEVELOPMENT GOALS

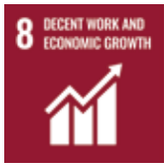
Sappi's approach to sustainability is aligned with the United Nations Sustainable Development Goals. To focus our actions where we can make the biggest contribution, we have selected seven out of the 17 priority goals to focus on.



Ensure availability and sustainable management of water and sanitation for all.



Ensure access to affordable, reliable, sustainable and modern energy for all.



Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.



Ensure sustainable production and consumption patterns by doing more with less.



Take urgent action to combat climate change and its impacts.



Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.



Strengthen the means of global partnership for sustainable development.

Five pledges to you as our partners

- We will always strive the best of our knowledge and experience available to you
- We will continue to invest in the future of paper – because we're in this for the long term
- We will maintain the highest and most consistent quality in our products and services
- Our ambitions and our presence will remain global
- Security of supply and on-time delivery will always be at the core of our offer to you



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