



SRA3 DIGITAL

SELF-ADHESIVE SHEETS

UPM RAFLATAC
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Labeling a smarter future
beyond fossils



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SRA3 DIGITAL SHEET-TO-SHEET SOLUTIONS FOR PREMIUM EFFICIENCY

Serve a growing market for **versatility, responsiveness, efficiency and sustainability!**

Digital printing is more than an economic necessity for shorter runs – the positive commercial drivers include new modes of marketing and a strong commitment to respect the environment. Marketing companies are moving from mass campaigns to more effective personalized and customized messages for groups and individuals. Furthermore, to print only what is needed, when it's needed (JIT) makes it the digital partners part of the value chain to ensure long-term sustainability (low sheet stock level).

When is digital printing the best choice?

In all kinds of self-adhesive end uses with variable information printing. These include food labels, transport & logistics, direct mailing, business forms, tags, or product labels, just to give you a few examples.

THE UPM RAFLATAC DIGITAL RANGE offers a wide range of products suitable for multiple substrate types and labeling conditions.

Productivity for profitable business

UPM Raflatac digital products give an exceptional return on investment. Excellent lay-flat properties provide consistently reliable print runs even at the highest speeds, and efficient, compact stacking in printer trays. Dedicated bleed-resistant adhesives keep sheet edges clean – minimizing residue to prevent printer jams and extend maintenance intervals.

Unbeatable digital image quality

The paper and filmic products in UPM Raflatac's digital range support unbeatable print definition and high-resolution graphics. Each product is thoroughly tested for top performance in high-speed dry toner laser printers. Selected materials are guaranteed for optimal liquid toner anchorage with HP Indigo.

Maximum convenience for label users

Precision back-scoring allows label users to remove the backing quickly and smoothly. Label application is fast, and the label quality carries through to the final informational or decorative use.

LABELS ARE MORE SUSTAINABLE THAN EVER!

All UPM Raflatac production facilities in the US, Europe, South Africa, China and Australia have ISO 14001 environmental management certification. Label paper faces in the digital range are FSC-certified to guarantee that the materials are sourced from sustainably managed forests, and the water-based acrylic adhesives are free from solvents.

Digital papers specified for direct food contact are available with a **Declaration of Conformity (DoC)** mandatory in the EU (EU 10/2011) for all components of food-contact packaging.

The UPM Raflatac Digital range is in compliance with the European standard **(EN 71-3:2013) for toy labeling**.

Polymer Matt White HS polyester film with permanent and extra permanent adhesives comply with **BS5609 approval for marine transportation**. It ensures that dangerous goods transported by sea should be durably labelled and identified.

Safe labels: UPM Raflatac self-adhesive laminate products comply with **REACH, EU Regulation (EC) No 1907/2006** and **RoHS Directive 2011/65/EC**, among other European norms.

For more information, go to: tools.upmraflatac.com/PRT



THE KEY FEATURES

UPM Raflatac produces specially developed paper and film solutions for digital sheet-to-sheet label printers. These products excel in all the essential requirements for self-adhesive sheets:

- **Adhesives specially developed** to withstand the heat of laser printing, and to keep printer contamination to an absolute minimum, which extends maintenance intervals and reduces downtime.
- **Optimal lay-flat** when feeding through printing machinery, reducing the risk of paper jams during printing and further maximizing efficiency after printing when stacking, die-cutting and guillotining.
- **Good dry toner (laser) or liquid toner (HP Indigo) anchorage** for premium print results.
- **Minimal static electricity** after printing even with film label faces, giving higher post-printing efficiency when stacking, die-cutting and guillotining. Additionally our glossy polyesters films have an innovative **StaticOUT™** feature for reducing more the effects of static electricity.
- **Safety packaging** with boxes of 250 sheets. An inner tray optimizes the handling of sheets and allows efficient storage without damaging the material inside the box. Standard boxes of 100 sheets also available.
- **Standard sheet sizes: 32x45 and 33x48 cm**. Other sizes available under request.
- **Backing combinations** vary depending on the face material. Papers are combined with a Kraft backing of 86 gr/m² and Films with a Kraft backing of 120 gr/m². Option of **backing with scores** is available. When scoring, scores should be parallel to feeding direction.

FIND THE RIGHT LABEL STOCK WITH OUR LABEL MATERIAL FINDER FOR DIGITAL PRINTING

Take the guesswork out of finding the right label materials for different digital printing technologies and even specific printing devices:

- Search for label materials by printer manufacturer and model
- Browse materials developed for a specific printer type or printing technology
- Access accurate technical information for our digital label stocks

UPM Raflatac works closely with printer manufacturers representing a variety of digital technologies. We make extensive performance tests of sheet-to-sheet label materials on digital printers.

PRODUCT RANGE: FILM					Printability ¹		End-use & Special Applications								
Face Quality	Description	Adhesive	Backing feature	Laminate substr. (gr/m ²)	Dry toner suitable	Liquid toner suitable	Product	Promotion	Transport & Logistics	Food	Industrial, water, oil and chemicals resistant	Outdoor	Displays & point of sales (high-rigidity)	Retail, Block-out label	Wine, beverage and decorative labeling
UPM Raflatac					✓	✓	•••	•					•••	••	
POLYESTERS FILMS															
Polylaser Matt White HS 	White, heat-stabilized, matt-coated polyester (PET) film.	Permanent	solid, not backprinted solid/scored, backprinted	215	✓	✓	•••	•			•••	••			•
		Removable	solid, not backprinted	213	✓	✓	•••	•			•••	••			•
		Extra Permanent	solid, not backprinted scored, backprinted	219	✓	✓	•••	•			•••	••			•
Polylaser Matt White Dry Toner	White, heat-stabilized, matt-coated polyester (PET) film.	Permanent	solid, not backprinted scored, backprinted	217	✓	*	•••	•			•••	••			•
		Removable	solid, not backprinted	215	✓	*	•••	•			•••	••			•
		Extra Permanent	solid, not backprinted	221	✓	*	•••	•			•••	••			•
Polylaser Matt Transparent HS	Translucent, heat-stabilized, matt-coated polyester (PET) film.	Permanent	solid, not backprinted	196	✓	✓	•••							••	
Polylaser Gloss White 	White, heat-stabilized, gloss-coated polyester (PET) film.	Permanent	solid, backprinted	212	✓	✓	•••				•••	••			
			scored, backprinted (*)												
Polylaser Gloss White	White, heat-stabilized, gloss-coated polyester (PET) film.	Permanent	solid, not backprinted	212	✓	✓	•••				•••	••			
			scored, backprinted												
Polylaser Gloss Clear HS	Transparent, heat-stabilized, gloss-coated polyester (PET) film.	Permanent	solid, not backprinted	211	✓	*	•••	••							•
			scored, backprinted (*)												
Polylaser Gloss Clear HS	Transparent, heat-stabilized, gloss-coated polyester (PET) film.	Permanent	solid, not backprinted	211	✓	*	•••	••							•
			scored, backprinted												
Polylaser IL GL Clear	High transparent polyethylene terephthalate (PET) based product.	Permanent	solid, not backprinted	211	*	✓	•••	•••							••
			scored, backprinted												
POLYETHYLENE FILM															
PE Laser HS 	White, matt high pigmented polyethylene (PE) film.	Permanent	solid, not backprinted scored, backprinted	255	✓	✓					•••	•••			
		Extra Permanent	solid, not backprinted	259	✓	✓					•••	•••			

(*) Product combination soon available in our offer

¹ UPM Raflatac printing recommendations are based on our most current knowledge and experience

✓ YES ✓* Subject to Printing machine model * NO • Fair, •• Good, ••• Excellent

PRODUCT RANGE: PAPER					Printability ¹		End-use & Special Applications								
Face Quality					Dry toner suitable	Liquid toner suitable	Product	Promotion	Transport & Logistics	Food	Industrial, water, oil and chemicals resistant	Outdoor	Displays & point of sales (high-rigidity)	Retail, Block-out label	Wine, beverage and decorative labeling
UPM Raflatac	Description	Adhesive	Backing feature	Laminate substr. (gr/m ²)											
UNCOATED PAPERS															
Jetlaser HS-FSC	White wood-free machine-finished paper.	Permanent	scored, backprinted	175	✓	*			•••					••	
Jetlaser Multitac	Multi-layer construction: White wood-free machine-finished face on top of two kraft liners.	Permanent	solid, not backprinted	213	✓	*			•••						
Laserfine HS-FSC	White wood-free supercalandered paper.	Permanent	scored, backprinted	174	✓	*		••	•••					•	
Naturlaser HS-FSC	White uncoated paper made of 100% recycled fibres.	Permanent	scored, not backprinted	184	✓	✓*		•••							
Vellum IL 	Matt-coated surface-sized wood-free supercalandered paper.	Permanent	scored, backprinted	177	*	✓		••						••	
COATED PAPERS															
MATT PAPER															
Lasermatt HS-FSC	White, matt, off-machine coated, wood free supercalandered paper.	Permanent	scored, backprinted	189	✓	✓	•••							••	
SEMI-GLOSS PAPER															
Lasersilk HS-FSC	On-machine coated mid-gloss face paper.	Permanent	solid/ scored, backprinted	189	✓	✓	•••	••		•					
Raflabrite-FSC IL 	White wood-free machine-coated supercalandered mid-gloss paper.	Permanent	scored, backprinted	192	*	✓	•••	••		•					
GLOSS PAPER															
Lasergloss HS-FSC	Cast-coated, wood-free paper with mirror-like gloss finish.	Permanent	scored, backprinted	185	✓	✓	•••	••		••					•
		Removable	scored, backprinted	184	✓	✓	•••	••		••					•
		Extra Permanent	scored, backprinted	189	✓	✓	•••	••		••					•
Castgloss IL 	Cast-coated, wood-free paper with mirror-like gloss finish.	Permanent	scored, backprinted	187	*	✓	•••	••		••					
OPAQUE PAPER															
Lasergloss Opaque HS-FSC	Cast-coated, wood-free paper with mirror-like gloss finish. Grey reverse side to increase opacity.	Permanent	scored, backprinted	186	✓	✓		••	•	••					
BOARD PAPER															
Lasergloss Board HS-FSC	Cast-coated, wood-free board.	Permanent	solid, not backprinted	274	✓	✓		••	•				•••		
TEXTURED PAPER															
Classic Laser HS-FSC	White wood-free machine-finished, embossed paper.	Permanent	scored, backprinted	194	✓	✓*	•••			••					•••
Kraft Brown 70	Standard-ribbed, machine-glazed, brown Kraft paper made with long-fibre resinous pulp.	Extra Permanent	scored, backprinted	176	✓	✓*	••	•••		••					••
COLOURED PAPER															
Fluor HS-FSC: Green, Lemon, Orange, Red, Pink	Wood-free paper with fluorescent coating.	Permanent	scored, not backprinted	183	✓	✓*		••	•••						
Vellum HS-FSC: Blue, Green, Red, Yellow	Wood-free stuff dyed supercalandered paper.	Permanent	scored, not backprinted	185	✓	✓*		••	•••						

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