



SRA3 DIGITAL

SELF-ADHESIVE SHEETS

UPM RAFLATAC
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Labeling a smarter future



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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.

Matt white polyester film complies 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:
<http://go.upmraflatac.com/printertool>



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.
- **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 size: 32x45 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 PRINTER RECOMMENDATIONS TOOL

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					PRINTABILITY ¹			END-USE & SPECIAL APPLICATIONS									
Face Quality	Description	Adhesive	Backing feature	Laminate substr. (gr/m ²)	Dry toner suitable	Liquid toner suitable	HP Indigo Certified	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 labelling	
UPM Raflatac																	
PAPER																	
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, no backprinted	213	✓	*	*			•••							
Laserfine HS-FSC	White wood-free supercalandered paper.	Permanent	scored, backprinted	174	✓	*	*		••	•••					•		
Naturl HS-FSC	White uncoated paper made of 100% recycled fibres.	Permanent	scored, no backprinted	184	✓	✓*	*		•••								
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	✓	✓	*	•••	••		•						
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	✓	✓	*	•••	••		••					•	
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, no backprinted	274	✓	✓	*		••	•				•••			
TEXTURED PAPER																	
Classic Laser HS-FSC	White wood-free machine-finished, embossed paper.	Permanent	scored, backprinted	194	✓	✓*	*	•••			••					•••	
COLOURED PAPER																	
Fluor HS-FSC: Green, Lemon, Orange, Red, Pink	Wood-free paper with fluorescent coating.	Permanent	scored, no backprinted	183	✓	✓*	*		••	•••							
Vellum HS-FSC: Blue, Green, Red, Yellow	Wood-free stuff dyed supercalandered paper.	Permanent	scored, no backprinted	185	✓	✓*	*		••	•••							
HP INDIGO CERTIFIED PAPERS																	
Vellum IL	Matt-coated surface-sized wood-free supercalandered paper. HP Indigo Certified.	Permanent	scored, backprinted	177	*	✓	✓		••						••		
Raflabrite-FSC IL	White wood-free machine-coated supercalandered mid-gloss paper. HP Indigo	Permanent	scored, backprinted	192	*	✓	✓	•••	••		•						
Castgloss IL	Cast-coated, wood-free paper with mirror-like gloss finish. HP Indigo	Permanent	scored, backprinted	187	*	✓	✓	•••	••		••						
POLYESTERS FILMS																	
Polylaser Matt White HS	White, heat-stabilized, matt-coated polyester (PET) film. HP Indigo Certified.	Permanent	solid, no backprinted solid/scored, backprinted	215	✓	✓	✓	•••	•			•••	••			•	
		Removable	solid, no backprinted	213	✓	✓	✓	•••	•			•••	••			•	
		Extra Permanent	solid, no backprinted scored, backprinted	219	✓	✓	✓	•••	•			•••	••			•	
Polylaser Matt Transparent HS	Translucent, heat-stabilized, matt-coated polyester (PET) film.	Permanent	solid, no backprinted	196	✓	✓	*	•••							••		
Polylaser Glass White	White, heat-stabilized, gloss-coated polyester (PET) film.	Permanent	solid, no backprinted scored, backprinted	212	✓	✓	*	•••				•••	••				
Polylaser Glass Clear HS	Transparent, heat-stabilized, gloss-coated polyester (PET) film.	Permanent	solid, no backprinted scored, backprinted	211	✓	*	*	•••	••							•	
		Removable	solid, no backprinted	209	✓	*	*	•••	••								
POLYETHYLENE FILM																	
PE Laser HS	White, matt high pigmented polyethylene (PE) film. HP Indigo Certified.	Permanent	solid, no backprinted scored, backprinted	255	✓	✓	✓					•••	•••				

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

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



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