



# SRA3 DIGITAL

## SELF-ADHESIVE SHEETS

UPM RAFLATAC  
**DIGITAL**  
SELF-ADHESIVE SHEETS

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SELF-ADHESIVE SHEETS

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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

consists of three premium brands: **UPM Raflatac**, **Mastertac** and **GlobalTAC**. These three well-known brands in the self-adhesive graphic arts industry offer 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/m<sup>2</sup> and Films with a Kraft backing of 120 gr/m<sup>2</sup>. 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 <sup>1</sup>			END-USE & SPECIAL APPLICATIONS									
Face Quality			Description	Adhesive	Backing feature	Laminate substr. (gr/m <sup>2</sup> )	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	Mastertac	GlobalTAC																	
<b>PAPER</b>																			
<b>UNCOATED PAPERS</b>																			
Jetlaser HS-FSC	Jetlaser M HS-FSC	GT Laser-FSC	White wood-free machine-finished paper.	Permanent	scored, backprinted	175	✓	*	*		•••						••		
Jetlaser Multitac	Jetlaser Multitac M	GT Laser Multitac	Multi-layer construction: White wood-free machine-finished face on top of two kraft liners.	Permanent	solid, no backprinted	213	✓	*	*		•••								
Laserfine HS-FSC	Laserfine M HS-FSC	GT Laserfine-FSC	White wood-free supercalendered paper.	Permanent	scored, backprinted	174	✓	*	*	••	•••						•		
Naturl HS-FSC	Naturl M-FSC	GT Eco Laser-FSC	White uncoated paper made of 100% recycled fibres.	Permanent	scored, no backprinted	184	✓	✓*	*	•••									
<b>COATED PAPERS</b>																			
<b>MATT PAPER</b>																			
Lasermatt HS-FSC	Matt Laser HS-FSC	GT Lasermatt-FSC	White, matt, off-machine coated, wood free supercalendered paper.	Permanent	scored, backprinted	189	✓	*		•••							••		
<b>SEMI-GLOSS PAPER</b>																			
Lasersilk HS-FSC	Silk Coated HS-FSC	GT Midgloss Laser-FSC	On-machine coated mid-gloss face paper.	Permanent	solid/scored, backprinted	189	✓	✓	*	•••	••		•						
<b>GLOSS PAPER</b>																			
Lasergloss HS-FSC	High Gloss Laser HS-FSC	GT Gloss Laser-FSC	Cast-coated, wood-free paper with mirror-like gloss finish.	Permanent	scored, backprinted	185	✓	✓	*	•••	••		••					•	
				Removable	scored, backprinted	184	✓	✓	*	•••	••		••						•
				Extra Permanent	scored, backprinted	189	✓	✓		•••	••		••						
<b>OPAQUE PAPER</b>																			
Lasergloss Opaque HS-FSC	High Gloss Laser Opaque HS-FSC	GT Gloss Laser Opaque-FSC	Cast-coated, wood-free paper with mirror-like gloss finish. Grey reverse side to increase opacity.	Permanent	scored, backprinted	186	✓	✓	*		••	•	••						
<b>BOARD PAPER</b>																			
Lasergloss Board HS-FSC	High Gloss Laser Board HS-FSC	GT Lgloss Board-FSC	Cast-coated, wood-free board.	Permanent	solid, no backprinted	274	✓	✓	*		••	•				•••			
<b>TEXTURED PAPER</b>																			
Classic Laser HS-FSC	Classic Laser M HS-FSC	GT Laser Classic-FSC	White wood-free machine-finished, embossed paper.	Permanent	scored, backprinted	194	✓	✓*	*	•••			••					•••	
<b>COLOURED PAPER</b>																			
Fluor HS-FSC: Green, Lemon, Orange, Red, Pink	Radiant HS-FSC: Green, Yellow, Orange, Red, Pink	GT Radiant-FSC: Green, Yellow, Orange, Red, Pink	Wood-free paper with fluorescent coating.	Permanent	scored, no backprinted	183	✓	✓*	*		••	•••							
Vellum HS-FSC: Blue, Green, Red, Yellow	Matt HS-FSC: Blue, Green, Red, Yellow	GT Vellum-FSC: Blue, Green, Red, Yellow	Wood-free stuff dyed supercalendered paper.	Permanent	scored, no backprinted	185	✓	✓*	*		••	•••							
<b>HP INDIGO CERTIFIED PAPERS</b>																			
Vellum IL	Vellum M IL	GT Vellum IL	Matt-coated surface-sized wood-free supercalendered paper. HP Indigo	Permanent	scored, backprinted	177	*	✓	✓		••						••		
Raflabrite-FSC IL	Silk Coated IL -FSC	GT Midgloss IL	White wood-free machine-coated supercalendered mid-gloss paper. HP Indigo	Permanent	scored, backprinted	192	*	✓	✓	•••	••		•						
Castgloss IL	High Gloss White IL	GT High Gloss IL	Cast-coated, wood-free paper with mirror-like gloss finish. HP Indigo	Permanent	scored, backprinted	187	*	✓	✓	•••	••		••						
<b>POLYESTERS FILMS</b>																			
Polylaser Matt White HS	Petlaser Matt White HS	GT Polyester Matt White	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	Petlaser Matt Transparent HS	GT Polyester Matt Transparent	Translucent, heat-stabilized, matt-coated polyester (PET) film.	Permanent	solid, no backprinted	196	✓	✓	*	•••							••		
Polylaser Glass White	Petlaser Glass White	GT Polyester Glass White	White, heat-stabilized, gloss-coated polyester (PET) film.	Permanent	solid, no backprinted scored, backprinted	212	✓	✓	*	•••			•••	••					
Polylaser Glass Clear HS	Petlaser Glass Clear HS	GT Polyester Glass Clear	Transparent, heat-stabilized, gloss-coated polyester (PET) film.	Permanent	solid, no backprinted scored, backprinted	211	✓	*	*	•••	••							•	
				Removable	solid, no backprinted	209	✓	*	*	•••	••								
<b>POLYETHYLENE FILM</b>																			
PE Laser HS	PE Laser M HS	GT PE Laser Matt	White, matt high pigmented polyethylene (PE) film. HP Indigo Certified.	Permanent	solid, no backprinted scored, backprinted	255	✓	✓	✓					•••	•••				

<sup>1</sup> UPM Raflatac printing recommendations are based on our most current knowledge and experience

✓ Suitable/Certified    ✓\* Subject to Printing machine model    \* Not suitable/Not Certified    • Fair,    •• Good,    ••• Excellent



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