

PRINT ON-DEMAND SELECTION GUIDE

Inkjet & laser label stock for in-house label printing

Labeling a smarter future



Learn more at
upmraflatac.com

Serve a growing market for versatility, responsiveness and efficiency!

Printing in-house and on-demand gives label end-users the versatility to produce their own labels in any variety – and precisely when they need them.

Your customers don't need to hold stocks of pre-printed labels, and they consolidate their purchasing by using the same materials for more than one label design. On-demand printing is also an economic advantage particularly for shorter runs and versioning, and it maximizes versatility and responsiveness in marketing and promotion.

UPM Raflatac Print On-Demand paper and film label stocks support excellent print quality comparable with conventional printing techniques. Selected products also provide resistance to water and environmental stress, protecting label imagery and information for the lifecycle of labelled products.

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 – with our online printer recommendations tool.

- 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 our label materials on digital printers ranging from desktop models to industrial-scale presses. Find the latest printing performance ratings for UPM Raflatac label materials at <http://go.upmraflatac.com/printertool>

Tested by Epson for
ColorWorks



The best of both worlds

Ink-jet

The most common inkjet technologies are thermal bubble technology (bubble jet) and piezo-electric technology. Different surface treatments on coated papers and films, or the chemistry of uncoated papers, have a big influence on print quality and the near-instantaneous speed at which the ink dries.

There are currently two kinds of colorants, dye and pigments. Dye-based inks provide a wider color space, but have a lower water and UV light resistance than pigment inks.

Pigments, small particles suspended in the base solution, are the color provider and are UV resistant and not water-soluble, so they are virtually waterproof once they have been fully set up on the print media. Pigmented inks are also less susceptible to bleeding and wicking on the paper fibers. UPM Raflatac recommends pre-tests for print quality with the latest pigments inks.

Laser

Laser printers in print on-demand systems use single-pass technology. Since colours are laid down in one pass rather than in four separate passes, print times improve.

Most printers in the market have four inline colour printing units (CMYK), but some use 7 parallel units (CMYKRGB) including Red, Green and Blue inks, to expand the color space. The resolution with single-pass technology is typically 1200 x 600 dpi (depending on whether laser or LED is used) and the printing speed is the same as monochrome printers, usually around 30 pages per minute.

Backing combinations

Laser product combinations vary according to end-use requirements and printer recommendations.

Films can be combined with White Glassine 85 as on-demand combinations, to allow photocell detection, longer reels and improve printer efficiency. In some cases, due technical or service reasons, films are combined with Kraft Special Stabilized 120.

Papers, on the other hand are combined with a Kraft backing, however can be combined with glassine backing upon request.

Inkjet products, papers and films, are combined with White Glassine 65 to allow photocell detection, longer reels and improve printer efficiency. In some cases, inkjet label faces are combined with a kraft backing due to printer requirements or common customer/end-use processes; that's the case of fan-folding stacking.



Food



UPM Raflatac's food labeling product range covers a wide range of substrate types, and conditions from room temperature to deep freeze.

Food safe and legally compliant

Inkjet and laser label papers specified for direct food contact are available with a Declaration of Compliance (DoC) to be forwarded down the packaging supply chain. A DoC is mandatory in the EU (EU 10/2011) for all components of food-contact packaging which contains plastic in any of its layers. Labels are considered a component of this packaging.

Laser and inkjet films suitable labeling applications are primary packaging provided that this packaging is a functional barrier such as glass or metal, secondary packaging and food logistics.

Food labels provide a variety of informational and functional capabilities, including:

- Product identification and brand labels, both directly onto foods and onto primary or secondary packaging
- Sell-by dates and other variable data
- Product customization
- Tolerance of chiller and freezer cabinet conditions

Product	Adhesive/ Other	Sales code	EAN code	MOQ (m ²)	End-use environment labeling			Ambient conditions		Printability	
					Ambient (T°C < 5°C)	Chill (1°C < T°C < 5°C)	Frozen (T°C < 1°C)	Dry	Moist	Inkjet	Laser
UNCOATED PAPERS											
Laserplus NXT+ PEFC (backing KS70)	Permanent	DWT / RPA2 / 90	8193594	1 000	●			●		●	●
JetLaser Premium On-Demand-FSC	Permanent	GGY / RP5X / 01	8280638	1 320	●					●	●
SEMI-GLOSS PAPERS											
Jetcoat On-Demand	Permanent	FJF / RP5X / 01	8244944	1 320	●			●		●	
MATT PAPERS											
Jetcolor On-Demand-FSC	Permanent	CJU / RP5X / 01	8116708	1 320	●			●		●	
	Removable	CJU / RR21 / 01	8222829	1 000	●	●	●	●	●	●	
GLOSS PAPERS											
Jetgloss On-Demand-FSC	Permanent	CJS / RP5X / 01	8116722	1 320	●			●		●	
	Hotmelt	CJS / RH01 / 01	8267073	1 000		●	●	●	●	●	
	Removable	CJS / RR21 / 01	8198667	1 000	●	●	●	●	●	●	
	Deep-Freeze	CJS / RH03 / 01	8205433	1 000			●	●	●	●	

Oil and Industrial Chemical

On-demand labels are primarily used for large industrial chemical containers rather than retail oil cans. Goods like bulk oils, chemicals, plastics, paints and sealants are stored and transported in Intermediate Bulk Containers (IBCs) and steel and HDPE drums. These require GHS hazard markings and other information concerning the nature and handling of the content and also enabling traceability.



Intermediate Bulk Containers (IBCs) have a large capacity, typically 1000 litres, and are usually constructed from HDPE plastic surrounded by a metal cage. A flat, stainless steel plate on the container cage carries the label. For short-term use under covered storage, coated paper label faces can provide adequate functionality. Extended outdoor storage or transportation over land and sea requires a film face material for lasting resilience.

Steel drums have painted or lacquered surfaces which are smooth and polar. This makes it relatively easy to achieve a strong adhesive bond. Performance

requirements vary widely because several labels of varying sizes and life expectancies may be applied. Different adhesives, films and in some cases even paper labels may be present on the same container.

HDPE drums demand a lot from the adhesive due to the rough, non-polar nature of the curved plastic surface. The adhesive must be flexible, have high initial adhesion and be soft enough to reach the lows and highs of the textured surface. HDPE drum applications often require labels with long-term resistance to oil.

BS5609 approval for marine transportation

BS5609 is a recognized standard for self-adhesive labels intended for marine use. It contains provisions to ensure that dangerous goods transported by sea should be durably labelled and identified.

Inkjet films approved to BS5609 are listed in the next page. BS5609 tests the permanence and durability of the label material and adhesive under conditions of marine exposure, temperature variations, weathering and exposure to salt spray and sunlight.

PE Inkjet White On-Demand, when printed with Epson inks, has been approved to BS5609 Section Three. Section Three tests ink key, ink abrasion resistance, and the permanence of the printed ink for specific combinations of self-adhesive printing substrate (already approved to Section Two) and printing ink.



Oil and Industrial Chemical

Product	Adhesive/Other	Sales code	EAN code	MOQ (m ²)	End-use environment labeling					Printability	
					BS5609 S2	Steel drums	HDPE drums	IBC	Oil can	Inkjet	Laser
MATT PET FILMS											
Polyjet Matt White On-Demand	Permanent	CJT / RPAF / 01	8159514	1 320	●	●	●	●	●	●	
Polylaser Matt White On-Demand	Permanent	FID / RPAF / 02	8261453	1 320	●	●	●	●	●		●
Polylaser Matt White (backing KSS120)	Extra-Permanent	33/ RPFH / FGX	8238097	1 320	●	●	●	●	●		●
GLOSS PET FILMS											
Polyjet Gloss White On-Demand	Permanent	AIS / RPAF / 01	8159484	1 320	●	●	●	●	●	●	
MATT PP FILMS											
PP Inkjet Matt White On-Demand	Permanent	GFS / RPAF / 01	8276938	1 320	●	●	●	●	●	●	
	Hotmelt	GFS / RH02 / 01	8276952	1 000	●	●	●	●	●	●	
PP Inkjet Matt White Opaque On-Demand	Hotmelt / Opaque	GFT / RH02 / 01	8276945	1 000	●	●	●	●	●	●	
SEMI-GLOSS PP FILMS											
PP Inkjet Silk White On-Demand	Permanent	EBJ / RPAF / 01	8195437	1 320	●	●	●	●	●	●	
	Hotmelt	EBJ / RH02 / 01	8212721	1 000	●	●	●	●	●	●	
PP Inkjet Silk White Opaque On-Demand	Hotmelt / Opaque	EVB / RH02 / 01	8226001	4 000	●	●	●	●	●	●	
GLOSS PP FILMS											
PP Inkjet Gloss White On-Demand	Permanent	EBI / RPAF / 01	8195505	1 320	●	●	●	●	●	●	
	Hotmelt	EBI / RH02 / 01	8212714	1 000	●	●	●	●	●	●	
PP Inkjet Gloss White Opaque On-Demand	Hotmelt / Opaque	EUZ / RH02 / 01	8225981	4 000	●	●	●	●	●	●	
MATT PE FILMS											
PE Inkjet White On-Demand	Permanent	EUW / RPAF / 01	8234488	1 320	● ●	●	●	●	●	●	
PE Inkjet White On-Demand (backing KS90)	Permanent	EUW / RPAF / 14	8224168	1 320	● ●	●	●	●	●	●	
PE Laser On-Demand	Permanent	FXM / RPAF / 02	8261460	5 000		●	●	●	●		●
PE Laser White (backing KSS120)	Permanent	ME / RPAF / FGX	8238257	1 320		●	●	●	●		●

- Pre-test recommended
- ● BS5609 S2 and BS5609 S3

Transport & Logistics

Transport & Logistics is a fast-growing field where labels with a relatively short lifespan are used for routing and for tracking and tracing.

Labels are applied to a wide variety of surfaces including envelopes, paper wrapping, cardboard boxes, plastic wrapping films, pallets, metal and plastic crates, drums and MBCs. In all cases, excellent initial adhesion is essential to guarantee accurate tracking through the logistic chain.

When labeling cardboard substrates, tests should be made to find label constructions with the most suitable adhesive for a particular cardboard or variety of cardboards, and to evaluate how variations in the cardboard quality may affect adhesion.

UPM Raflatac's print on demand range offers a lot of flexibility with wide range of media options as well as options for improved environmental performance. Look for the materials-efficient, sustainably sourced NXT+ products in our Forest Positive range.



Papers					End-use environment labeling			Printability	
					Information labeling	Track & trace	Address labels	Inkjet	Laser
Product	Adhesive/Other	Sales code	EAN code	MOQ (m ²)					
UNCOATED									
Laserplus NXT+ PEFC (backing KS70)	Permanent	DWT / RPA2 / 90	8193594	1 000		●	●	●	●
JetLaser Premium On-Demand-FSC	Permanent	GGY / RP5X / 01	8280638	1 320	●	●	●	●	●
MATT PAPERS									
Jetcolor On-Demand-FSC	Permanent	CJU / RP5X / 01	8116708	1 320	●	●	●	●	
	Hotmelt	CJU / RH02 / 01	8206164	1 320	●	●		●	
SEMI-GLOSS PAPERS									
Jetcoat On-Demand	Permanent	FJF / RP5X / 01	8244944	1 320	●	●	●	●	
GLOSS PAPERS									
Jetgloss On-Demand-FSC	Permanent	CJS / RP5X / 01	8116722	1 320	●	●	●	●	
	Hotmelt	CJS / RH01 / 01	8267073	1 000	●			●	
	Hotmelt	CJS / RH02 / 01	8180587	1 000	●			●	
Jetgloss On-Demand 90	Permanent	GFJ / RP5X / 01	8276174	1000	●	●	●	●	
	Hotmelt	GFJ / RH01 / 01	8276167	1000	●			●	
	Hotmelt	GFJ / RH02 / 01	8276150	1000	●			●	
Lasergloss HS-FSC (backing KS70)	Permanent	CMY / RPA3 / 90	8226582	1 555	●	●	●		●
OPAQUE PAPERS									
Jetcolor Opaque On-Demand-FSC	Permanent / Opaque	EUJ / RP5X / 01	8225974	1 000	●	●	●	●	
Jetgloss Opaque On-Demand-FSC	Permanent / Opaque	EVA / RP5X / 01	8225998	1 000	●	●	●	●	
MULTITAC PAPERS									
JetLaser Multitac (backing KS55)	Multitac	7X / RPA4 / 66	8010136	1 260	●	●	●	●	●
Jetgloss Multitac	Multitac	DVR / RP5X / 01	8184912	7 500	●	●		●	



Routing, tracking and tracing...

Information labeling includes delivery addresses, product information, best before dates and barcoding on secondary packaging and in warehouses. Combination of our products with print on-demand systems brings wide advantages when color is used for inventory and product identification.

Track & trace labels enable traceability in internal processes in all manufacturing industries, and provide visibility over deliveries of envelopes and parcels.

Address labeling for mailing applications is covered by our products for the new continuous print on demand system reducing the stops of changes, as mainly come from SoHo which mainly uses cut size format.

Films					End-use environment labeling			Printability	
					Information labeling	Track & trace	Address labels	Inkjet	Laser
Product	Adhesive/Other	Sales code	EAN code	MOQ (m ²)					
MATT PET FILMS									
Polyjet Matt White On-Demand	Permanent	CJT / RPAF / 01	8159514	1 320	●	●	●	●	
Polymer Matt White On-Demand	Permanent	FID / RPAF / 02	8261453	1 320	●	●	●		●
Polymer Matt Transparent On-Demand	Permanent	FIB / RPAF / 02	8261477	8 000	●				●
Polymer Matt White (backing KSS120)	Extra-Permanent	33 / RPFH / FGX	8238097	1 320	●	●			●
Polymer Matt Silver (backing KSS120)	Permanent	C8 / RPAF / FGX	8238240	1 320	●				●
MATT PP FILMS									
PP Inkjet Matt White On-Demand	Permanent	GFS / RPAF / 01	8276938	1 320	●	●	●	●	
	Hotmelt	GFS / RH02 / 01	8276952	1 000	●	●		●	
PP Inkjet Matt White Opaque On-Demand	Hotmelt / Opaque	GFT / RH02 / 01	8276945	1 000	●	●		●	
MATT PE FILMS									
PE Inkjet White On-Demand (backing KS90)	Permanent	EUW / RPAF / 14	8224168	1 320	●			●	
PE Inkjet White On-Demand	Permanent	EUW / RPAF / 01	8234488	1 320	●			●	
PE Laser On-Demand	Permanent	FXM / RPAF / 02	8261440	5 000	●				●
PE Laser White (backing KSS 120)	Permanent	ME / RPAF / FGX	8238257	1 320	●				●

Home & Personal Care

Design and shelf appeal count for everything in personal care labeling, and UPM Raflatac provides the desired material look and exceptional product quality required for maximum shelf appeal. Our label materials are also optimized for high productivity in conversion and dispensing process, supporting the competitiveness of label converters and label end-users.

When to choose PET, PP or PE as a face?

PET films for laser printing are relatively stiff, so they are suitable for rigid rather than contoured or squeezable packaging.

PP for inkjet printing is also best-suited to rigid containers. Clear PP provides outstanding clarity for a quality appearance

and crystal clear 'no-label look'. PP also has excellent die-cutting properties for crisp and clean label edges.

PE inkjet products suits all container types and is an excellent choice for contoured and squeezable packaging. This inkjet printable film is extremely conformable, and flexes with squeezable containers time after time.



Product	Adhesive/Other	Sales code	EAN code	MOQ (m ²)	End-use environment labeling			Printability	
					Squeezable containers	Contoured containers	Rigid containers	Inkjet	Laser
MATT PET FILMS									
Polyjet Matt White On-Demand	Permanent	CJT / RPAF / 01	8159514	1 320			●	●	
Polymer Matt White On-Demand	Permanent	FID / RPAF / 02	8261453	1 320		●	●		●
Polymer Matt Transparent On-Demand	Permanent	FIB / RPAF / 02	8261477	8 000		●	●		●
Polymer Matt Transparent (backing KSS120)	Permanent	NC / RPAF / FGX	8238110	1 320		●	●		●
Polymer Matt Silver (backing KSS120)	Permanent	C8 / RPAF / FGX	8238240	1 320		●	●		●
GLOSS PET FILMS									
Polymer Gloss White On-Demand	Permanent	FIA / RPAF / 02	8261446	1 320		●	●		●
Polymer Gloss Clear On-Demand	Permanent	FHZ / RPAF / 02	8261439	1 320		●	●		●
Polyjet Gloss White On-Demand	Permanent	AIS / RPAF / 01	8159484	1 320			●	●	
MATT PP FILMS									
PP Inkjet Matt White On-Demand	Permanent	GFS / RPAF / 01	8276938	1 320	●	●	●	●	
	Hotmelt	GFS / RH02 / 01	8276952	1 000	●	●	●	●	
PP Inkjet Matt White Opaque On-Demand	Hotmelt / Opaque	GFT / RH02 / 01	8276945	1 000	●	●	●	●	
SEMI-GLOSS PP FILMS									
PP Inkjet Silk White On-Demand	Permanent	EBJ / RPAF / 01	8195437	1 320	●	●	●	●	
	Hotmelt	EBJ / RH02 / 01	8212721	1 320	●	●	●	●	
PP Inkjet Silk White Opaque On-Demand	Hotmelt / Opaque	EVB / RH02 / 01	8226001	4 000	●	●	●	●	
GLOSS PP FILMS									
PP Inkjet Gloss White On-Demand	Permanent	EBI / RPAF / 01	8195505	1 320	●	●	●	●	
	Hotmelt	EBI / RH02 / 01	8212714	1 000	●	●	●	●	
PP Inkjet Gloss White Opaque On-Demand	Hotmelt / Opaque	EUZ / RH02 / 01	8225981	4 000	●	●	●	●	
GLOSS CLEAR PP FILMS									
PP Inkjet Gloss Clear On-Demand	Permanent	EBH / RPAF / 01	8195444	1 320	●	●	●	●	
MATT PE FILMS									
PE Inkjet White On-Demand	Permanent	EUW / RPAF / 01	8234488	1 320	●	●	●	●	

For home and personal care products kept in very wet conditions, we recommend that the durability of the printed image is pre-tested with our inkjet PP and PE materials.

● Pre-test recommended

Wine & Spirits

Wine and spirits producers are increasingly reliant on packaging and label differentiation to compete at the retail point of sale. The front label carries the brand and typically remains the same in all markets; neck

and back labels are often customized for local languages, promotional use and product versioning. Wine products, as per end-use process and printer requirements, are combined with White Glassine.

Papers					End-use environment labeling		Printability	
					Wine	Spirits	Inkjet	Laser
Product	Adhesive/Other	Sales code	EAN code	MOQ (m ²)				
MATT PAPERS								
Jetcolor On-Demand-FSC	Permanent	CJU / RP5X / 01	8116708	1 320	●	●	●	
	Hotmelt	CJU / RH02 / 01	8206164	1 000	●	●	●	
GLOSS PAPERS								
Jetgloss On-Demand-FSC	Permanent	CJS / RP5X / 01	8116722	1 320	●	●	●	
	Hotmelt	CJS / RH01 / 01	8267073	1 000	●	●	●	
	Hotmelt	CJS / RH02 / 01	8180587	1 000	●	●	●	
Jetgloss On-Demand 90	Permanent	GFJ / RP5X / 01	8276174	1 000	●	●	●	
	Hotmelt	GFJ / RH01 / 01	8276167	1 000	●	●	●	
	Hotmelt	GFJ / RH02 / 01	8276150	1 000	●	●	●	
Lasergloss HS-FSC (backing KS70)	Permanent	CMY / RPA3 / 90	8226582	1 555	●	●		●
OPAQUE PAPERS								
Jetcolor Opaque On-Demand-FSC	Permanent / Opaque	EUY / RP5X / 01	8225974	1 000	●	●	●	
Jetgloss Opaque On-Demand-FSC	Permanent / Opaque	EVA / RP5X / 01	8225998	1 000	●	●	●	
WINE TEXTURED PAPERS								
Velmart White WSA On-Demand-FSC	Permanent	GCG / RP30 / 02	8269398	2 000	●	●	●	●
Multiprint White WSA On-Demand-FSC	Permanent	GCF / RP30 / 02	8269381	2 000	●	●	●	●
Antique White WSA On-Demand-FSC	Permanent	GCE / RP30 / 02	8269374	2 000	●	●	●	●
Antique White Smooth WSA On-Demand	Permanent	GCC / RP30 / 02	8269350	2 000	●	●	●	●
Antique Cream WSA On-Demand-FSC	Permanent	GCD / RP30 / 02	8269367	2 000	●	●	●	●
Antique Cream Smooth WSA On-Demand	Permanent	GCB / RP30 / 02	8269343	1 000	●	●	●	●
Icy White PM On-Demand-FSC	Permanent	GCH / RP30 / 02	8269404	1 000	●	●	●	●
Jetlinen Matt On Demand-FSC	Permanent	GFN / RP30 / 02	8280997	1 000	●	●	●	
Jetlinen Gloss On Demand-FSC	Permanent	GFP / RP30 / 02	8280980	1 000	●	●	●	
METALLIC PAPERS								
Satin Silver On-Demand	Permanent	GFM / RP30 / 02	8275818	1 000	●	●		●
Satin Gold On-Demand	Permanent	GFK / RP30 / 02	8275771	1 000	●	●		●

Print on demand is being adopted in this sector because it provides the agility for faster design and production turnarounds as well as shorter product lifecycles. New label materials, shapes and colours are swiftly incorporated to stimulate consumers' purchasing decisions.

Wine and spirits producers also use these labels to communicate their ongoing story and sustainable development to conscientious consumers, and to disclose new information required by regulatory change.

UPM Raflatac label materials are the canvas for brand communication that sells from the retail shelf – from the crafted look and feel of traditional papers, to the on-trend impact of films.



● Pre-test recommended

**Inkjet image considerations
for wines, spirits and beverages**

Our inkjet products are designed to resist normal levels of moisture. Pre-tests are recommended for labels exposed to more challenging conditions.

Our textured uncoated papers for ink-jet and laser printing are highly absorbent; when printing by inkjet, consideration should be given to reduced colour density.

Colour density on absorbent papers and image stability in humid and wet conditions aren't affected when printing by laser.



Films

Product	Adhesive/Other	Sales code	EAN code	MOQ (m ²)	End-use environment labeling		Printability	
					Wine	Spirits	Inkjet	Laser
MATT PET FILMS								
Polyjet Matt White On-Demand	Permanent	CJT / RPAF / 01	8159514	1 320	●	●	●	
Polylaser Matt White On-Demand	Permanent	FID / RPAF / 02	8261453	1 320	●	●		●
Polylaser Matt Transparent On-Demand	Permanent	FIB / RPAF / 02	8261477	8 000	●	●		●
Polylaser Matt Transparent (backing KSS120)	Permanent	NC / RPAF / FGX	8238110	1 320	●	●		●
Polylaser Matt Silver (backing KSS120)	Permanent	C8 / RPAF / FGX	8238240	1 320	●	●		●
GLOSS PET FILMS								
Polyjet Gloss White On-Demand	Permanent	AIS / RPAF / 01	8159484	1 320	●	●	●	
Polylaser Gloss White On-Demand	Permanent	FIA / RPAF / 02	8261446	1 320	●	●		●
Polylaser Gloss Clear On-Demand	Permanent	FHZ / RPAF / 02	8261439	1 320	●	●		●
MATT PP FILMS								
PP Inkjet Matt White On-Demand	Permanent	GFS / RPAF / 01	8276938	1 320	●	●	●	
	Hotmelt	GFS / RH02 / 01	8276952	1 000	●	●	●	
PP Inkjet Matt White Opaque On-Demand	Hotmelt / Opaque	GFT / RH02 / 01	8276945	1 000	●	●	●	
SEMI-GLOSS PP FILMS								
PP Inkjet Silk White On-Demand	Permanent	EBJ / RPAF / 01	8195437	1 320	●	●	●	
	Hotmelt	EBJ / RH02 / 01	8212721	1 000	●	●	●	
PP Inkjet Silk White Opaque On-Demand	Hotmelt / Opaque	EVB / RH02 / 01	8226001	4 000	●	●	●	
GLOSS PP FILMS								
PP Inkjet Gloss White On-Demand	Permanent	EBI / RPAF / 01	8195505	1 320	●	●	●	
	Hotmelt	EBI / RH02 / 01	8212714	1 000	●	●	●	
PP Inkjet Gloss White Opaque On-Demand	Hotmelt / Opaque	EUZ / RH02 / 01	8225981	4 000	●	●	●	
GLOSS CLEAR PP FILMS								
PP Inkjet Gloss Clear On-Demand	Permanent	EBH / RPAF / 01	8195444	1 320	●	●	●	

● Pre-test recommended

Beverage

New varieties of craft beers and beverages are continually entering the market. Consumers expect that these products stay in tune with their origins and celebrate skilled beverage crafting from smaller breweries or distilleries.

Differentiation is important, particularly by polarising private and high-end labels. Beverage producers are also seeking to appeal to specific demographics like the younger generation and the female market, and to use the label as a platform for interaction.

Textured papers convey the natural and crafted look and feel that puts brands ahead in a market saturated with choice. Alternatively, our eye-catching white and metallized label films provide a high-impact path to premiumization – especially when transitioning from wet glue to self-adhesive labels.

Beverage labeling encompasses all non-alcoholic and alcoholic beverages, with the exception of wines and spirits. Specific beverage sub-segments are beer, water, soft drinks, flavoured alcoholic beverages and craft beverages.

Papers					Printability	
					Inkjet	Laser
Product	Adhesive/Other	Sales code	EAN code	MOQ (m ²)		
MATT PAPERS						
Jetcolor On-Demand-FSC	Permanent	CJU / RP5X / 01	8116708	1 320	●	
	Hotmelt	CJU / RH02 / 01	8206164	1 000	●	
GLOSS PAPERS						
Jetgloss On-Demand-FSC	Permanent	CJS / RP5X / 01	8116722	1 320	●	
	Hotmelt	CJS / RH01 / 01	8267073	1 000	●	
	Hotmelt	CJS / RH02 / 01	8180587	1 000	●	
Jetgloss On-Demand 90	Permanent	GFJ / RP5X / 01	8276174	1 320	●	
	Hotmelt	GFJ / RH01 / 01	8276167	1 000	●	
	Hotmelt	GFJ / RH02 / 01	8276150	1 000	●	
Lasergloss HS-FSC	Permanent	CMY / RPA3 / 90	8226582	1 555		●
OPAQUE PAPERS						
Jetcolor Opaque On-Demand-FSC	Permanent / Opaque	EUY / RP5X / 01	8225974	1 000	●	
Jetgloss Opaque On-Demand-FSC	Permanent / Opaque	EVA / RP5X / 01	8225998	1 000	●	
TEXTURED WINE PAPERS						
Velmart White WSA On-Demand-FSC	Permanent	GCG / RP30 / 02	8269398	2 000	●	●
Multiprint White WSA On-Demand-FSC	Permanent	GCF / RP30 / 02	8269381	2 000	●	●
Antique White WSA On-Demand-FSC	Permanent	GCE / RP30 / 02	8269374	2 000	●	●
Antique White Smooth WSA On-Demand	Permanent	GCC / RP30 / 02	8269350	2 000	●	●
Antique Cream WSA On-Demand-FSC	Permanent	GCD / RP30 / 02	8269367	2 000	●	●
Antique Cream Smooth WSA On-Demand	Permanent	GCB / RP30 / 02	8269343	1 000	●	●
Icy White PM On-Demand-FSC	Permanent	GCH / RP30 / 02	8269404	1 000	●	●
METALLIC PAPERS						
Satin Silver On-Demand	Permanent	GFM / RP30 / 02	8275818	1 000		●
Satin Gold On-Demand	Permanent	GFK / RP30 / 02	8275771	1 000		●



● Pre-test recommended

Retail & Product

Our Retail & Product identification range allows to use our media to show off branding and product appeal to capture end-user by adding vivid colors and high quality definition that is bringing the printer.

Regular papers suit high-volume applications, and quality matt and gloss papers support first-rate print results for product labeling. Opaque label faces are ideal for blank-out labels to cover old or unwanted information. Films are typically selected for conditions requiring weatherproofing or resistance to other environmental stress.

All our papers are either FSC™ or PEFC™ certified from sustainable sources, or they are available FSC or PEFC-certified on request. The adhesives listed here cover a wide range of labeling substrates and conditions. For applications requiring a demanding or higher performance adhesive, your UPM Raflatac sales representative will be pleased to recommend suitable options.

Papers					Printability	
					Inkjet	Laser
Product	Adhesive/Other	Sales code	EAN code	MOQ (m ²)		
UNCOATED PAPERS						
Laserplus NXT+ PEFC (backing KS70)	Permanent	DWT / RPA2 / 90	8193594	1 000	●	●
JetLaser Premium On-Demand-FSC	Permanent	GGY / RP5X / 01	8280638	1 320	●	●
SEMI-GLOSS PAPERS						
Jetcoat On-Demand-FSC	Permanent	FJF / RP5X / 01	8244944	1 320	●	
MATT PAPERS						
Jetcolor On-Demand-FSC	Permanent	CJU / RP5X / 01	8116708	1 320	●	
	Hotmelt	CJU / RH02 / 01	8206164	1 000	●	
	Removable	CJU / RR21 / 01	8222829	1 000	●	
GLOSS PAPERS						
Jetgloss On-Demand-FSC	Permanent	CJS / RP5X / 01	8116722	1 320	●	
	Hotmelt	CJS / RH01 / 01	8267073	1 000	●	
	Hotmelt	CJS / RH02 / 01	8180587	1 000	●	
	Removable	CJS / RR21 / 01	8198667	1 000	●	
	Deep-Freeze	CJS / RH03 / 01	8205433	1 000	●	
Jetgloss On-Demand 90	Permanent	GFJ / RP5X / 01	8276174	1 000	●	
	Hotmelt	GFJ / RH01 / 01	8276167	1 000	●	
	Hotmelt	GFJ / RH02 / 01	8276150	1 000	●	
	Deep-Freeze	GFJ / RH03 / 01	8276136	1 000	●	
	Removable	GFJ / RR21 / 01	8276143	1 000	●	
Lasergloss HS-FSC (backing KS70)	Permanent	CMY / RPA3 / 90	8226582	1 555		●
OPAQUE PAPERS						
Jetcolor Opaque On-Demand-FSC	Permanent / Opaque	EUY / RP5X / 01	8225974	1 000	●	
Jetgloss Opaque On-Demand-FSC	Permanent / Opaque	EVA / RP5X / 01	8225998	1 000	●	
METALLIC PAPERS						
Satin Silver On-Demand	Permanent	GFM / RP30 / 02	8275818	1 000		●
Satin Gold On-Demand	Permanent	GFK / RP30 / 02	8275771	1 000		●



Films

Product	Adhesive/Other	Sales code	EAN code	MOQ (m ²)
MATT PET FILMS				
Polymer Matt White On-Demand	Permanent	FID / RPAF / 02	8261453	1 320
Polymer Matt Transparent On-Demand	Permanent	FIB / RPAF / 02	8261477	8 000
Polymer Matt White (backing KSS120)	Extra-Permanent	33 / RPFH / FGX	8238097	1 320
Polymer Matt Transparent (backing KSS120)	Permanent	NC / RPAF / FGX	8238110	1 320
Polymer Matt Silver (backing KSS120)	Permanent	C8 / RPAF / FGX	8238240	1 320
Polyjet Matt White On-Demand	Permanent	CJT / RPAF / 01	8159514	1 320
GLOSS PET FILMS				
Polymer Gloss White On-Demand	Permanent	FIA / RPAF / 02	8261446	1 320
Polymer Gloss Clear On-Demand	Permanent	FHZ / RPAF / 02	8261439	1 320
Polyjet Gloss White On-Demand	Permanent	AIS / RPAF / 01	8159484	1 320
MATT PP FILMS				
PP Inkjet Matt White On-Demand	Permanent	GFS / RPAF / 01	8276938	1 320
	Hotmelt	GFS / RH02 / 01	8276952	1 000
PP Inkjet Matt White Opaque On-Demand	Hotmelt / Opaque	GFT / RH02 / 01	8276945	1 000
SEMI-GLOSS PP FILMS				
PP Inkjet Silk White On-Demand	Permanent	EBJ / RPAF / 01	8195437	1 320
	Hotmelt	EBJ / RH02 / 01	8212721	1 000
	Removable	EBJ / RRAF / 01	8225967	7 500
PP Inkjet Silk White Opaque On-Demand	Hotmelt / Opaque	EVV / RH02 / 01	8226001	4 000
GLOSS PP FILMS				
PP Inkjet Gloss White On-Demand	Permanent	EBI / RPAF / 01	8195505	1 320
	Hotmelt	EBI / RH02 / 01	8212714	1 000
	Removable	EBI / RRAF / 01	8225950	7 500
PP Inkjet Gloss White Opaque On-Demand	Hotmelt / Opaque	EUZ / RH02 / 01	8225981	4 000
GLOSS CLEAR PP FILMS				
PP Inkjet Gloss Clear On-Demand	Permanent	EBH / RPAF / 01	8195444	1 320

Printability	
Inkjet	Laser
	●
	●
	●
	●
●	
	●
	●
●	
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Product selector

Find label stocks that best match the needs of your end-use

LASER / LED				END-USE						
Product	Adhesive/Other	Sales code	EAN code	Retail & product labeling	Beverage & Craft beer	Wine & Spirits	Transport & logistics	Home & personal care	Food	OIC
UNCOATED PAPERS										
JetLaser Premium On-Demand-FSC	Permanent	GGY / RP5X / 01	8280638	●			●		●	
Laserplus NXT+ PEFC (backing KS70)	Permanent	DWT / RPA2 / 90	8193594	●			●		●	
JetLaser Multitac (backing KS55)	Multitac	7X / RPA4 / 66	8010136				●			
Lasergloss HS-FSC (backing KS70)	Permanent	CMY / RPA3 / 90	8226582	●	●	●	●			
MATT PET FILMS										
Polylaser Matt White On-Demand	Permanent	FID / RPAF / 02	8261453	●	●	●	●	●		●
Polylaser Matt Transparent On-Demand	Permanent	FIB / RPAF / 02	8261477	●	●	●	●	●		
Polylaser Matt White (backing KSS120)	Extra-Permanent	33 / RPFH / FGX	8238097	●			●			●
Polylaser Matt Transparent (backing KSS120)	Permanent	NC / RPAF / FGX	8238110	●	●	●		●		
Polylaser Matt Silver (backing KSS120)	Permanent	C8 / RPAF / FGX	8238240	●	●	●	●	●		
GLOSS PET FILMS										
Polylaser Gloss White On-Demand	Permanent	FIA / RPAF / 02	8261446	●	●	●		●		
Polylaser Gloss Clear On-Demand	Permanent	FHZ / RPAF / 02	8261439	●	●	●		●		
MATT PE FILMS										
PE Laser White (backing KSS120)	Permanent	ME / RPAF / FGX	8238257				●			●
PE Laser On-Demand	Permanent	FXM / RPAF / 02	8261460				●			●
WINE TEXTURED PAPERS										
Velmart White WSA On-Demand-FSC	Permanent	GCG / RP30 / 02	8269398	●	●	●				
Multiprint White WSA On-Demand-FSC	Permanent	GCF / RP30 / 02	8269381	●	●	●				
Antique White WSA On-Demand-FSC	Permanent	GCE / RP30 / 02	8269374	●	●	●				
Antique White Smooth WSA On-Demand	Permanent	GCC / RP30 / 02	8269350	●	●	●				
Antique Cream WSA On-Demand-FSC	Permanent	GCD / RP30 / 02	8269367	●	●	●				
Antique Cream Smooth WSA On-Demand	Permanent	GCB / RP30 / 02	8269343	●	●	●				
Satin Silver On-Demand	Permanent	GFM / RP30 / 02	8275818	●	●	●				
Satin Gold On-Demand	Permanent	GFK / RP30 / 02	8275771	●	●	●				
Icy White PM On-Demand-FSC	Permanent	GCH / RP30 / 02	8269404	●	●	●				

INKJET PAPERS

Product	Adhesive/Other	Sales code	EAN code	END-USE						
				Retail & product labeling	Beverage & Craft Beer	Wine & Spirits	Transport & logistics	Home & personal care	Food	OIC
UNCOATED PAPERS										
Laserplus NXT+ PEFC (backing KS70)	Permanent	DWT / RPA2 / 90	8193594	●			●		●	
JetLaser Multitac (backing KS55)	Multitac	7X / RPA4 / 66	8010136				●			
JetLaser Premium On-Demand-FSC	Permanent	GGY / RP5X / 01	8280638	●			●		●	
SEMI-GLOSS PAPERS										
Jetcoat On-Demand	Permanent	FJF / RP5X / 01	8244944	●			●		●	
MATT PAPERS										
Jetcolor On-Demand-FSC	Permanent	CJU / RP5X / 01	8116708	●	●	●	●		●	
	Hotmelt	CJU / RH02 / 01	8206164	●	●	●	●			
	Removable	CJU / RR21 / 01	8222829	●					●	
Jetcolor Opaque On-Demand-FSC	Permanent / Opaque	EUY / RP5X / 01	8225974	●	●	●	●			
GLOSS PAPERS										
Jetgloss On-Demand-FSC	Permanent	CJS / RP5X / 01	8116722	●	●	●	●		●	
	Hotmelt	CJS / RH01 / 01	8267073	●	●	●	●		●	
	Hotmelt	CJS / RH02 / 01	8180587	●	●	●	●			
	Deep-Freeze	CJS / RH03 / 01	8205433	●					●	
	Removable	CJS / RR21 / 01	8198667	●					●	
Jetgloss Opaque On-Demand-FSC	Permanent / Opaque	EVA / RP5X / 01	8225998	●	●	●	●			
Jetgloss Multitac	Multitac	DVR / RP5X / 01	8184912				●			
Jetgloss On-Demand 90	Permanent	GFJ / RP5X / 01	8276174	●	●	●	●			
	Hotmelt	GFJ / RH01 / 01	8276167	●	●	●	●			
	Hotmelt	GFJ / RH02 / 01	8276150	●	●	●	●			
	Deep-Freeze	GFJ / RH03 / 01	8276136	●						
	Removable	GFJ / RR21 / 01	8276143	●						
WINE TEXTURED PAPERS										
Velmart White WSA On-Demand-FSC	Permanent	GCG / RP30 / 02	8269398	●	●	●				
Multiprint White WSA On-Demand-FSC	Permanent	GCF / RP30 / 02	8269381	●	●	●				
Antique White WSA On-Demand-FSC	Permanent	GCE / RP30 / 02	8269374	●	●	●				
Antique White Smooth WSA On-Demand	Permanent	GCC / RP30 / 02	8269350	●	●	●				
Antique Cream WSA On-Demand-FSC	Permanent	GCD / RP30 / 02	8269367	●	●	●				
Antique Cream Smooth WSA On-Demand	Permanent	GCB / RP30 / 02	8269343	●	●	●				
Icy White On-Demand	Permanent	GCH / RP30 / 02	8269404	●	●	●				
Jetlinen Matt On-Demand-FSC	Permanent	GFN / RP30 / 02	8280997	●	●	●				
Jetlinen Gloss On-Demand-FSC	Permanent	GFP / RP30 / 02	8280980	●	●	●				

INKJET FILMS

Product	Adhesive/Other	Sales code	EAN code	END-USE						
				Retail & product labeling	Beverage & Craft beer	Wine & Spirits	Transport & logistics	Home & personal care	Food	OIC
MATT/GLOSS PET FILMS										
Polyjet Matt White On-Demand	Permanent	CJT / RPAF / 01	8159514	●	●	●	●	●		●
Polyjet Gloss White On-Demand	Permanent	AIS / RPAF / 01	8159484	●	●	●		●		●
MATT PP FILMS										
PP Inkjet Matt White On-Demand	Permanent	GFS / RPAF / 01	8276938	●	●	●	●	●		●
	Hotmelt	GFS / RH02 / 01	8276952	●	●	●	●	●		●
PP Inkjet Matt White Opaque On-Demand	Hotmelt / Opaque	GFT / RH02 / 01	8276945	●	●	●	●	●		●
SEMI-GLOSS PP FILMS										
PP Inkjet Silk White On-Demand	Permanent	EBJ / RPAF / 01	8195437	●	●	●		●		●
	Hotmelt	EBJ / RH02 / 01	8212721	●	●	●		●		●
	Removable	EBJ / RRAF / 01	8225967	●						
PP Inkjet Silk White Opaque On-Demand	Hotmelt / Opaque	EVB / RH02 / 01	8226001	●	●	●		●		●
GLOSS PP FILMS										
PP Inkjet Gloss White On-Demand	Permanent	EBI / RPAF / 01	8195505	●	●	●		●		●
	Hotmelt	EBI / RH02 / 01	8212714	●	●	●		●		●
	Removable	EBI / RRAF / 01	8225950	●						
PP Inkjet Gloss White Opaque On-Demand	Hotmelt / Opaque	EUZ / RH02 / 01	8225981	●	●	●		●		●
GLOSS CLEAR PP FILMS										
PP Inkjet Gloss Clear On-Demand	Permanent	EBH / RPAF / 01	8195444	●	●	●		●		
MATT PE FILMS										
PE Inkjet White On-Demand (backing KS90)	Permanent	EUW / RPAF / 14	8224168				●			●
PE Inkjet White On-Demand	Permanent	EUW / RPAF / 01	8234488				●	●		●



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