

## LABELSTOCK FOR WATER-BASED INKJET PRINTING

### NEW!

- ▶ Inkjet R-PE white matt
- ▶ Inkjet R-PET films
- ▶ Inkjet PP white glossy ECO 55 & 75  $\mu$

INNOVATIVE. FLEXIBLE.  
VERSATILE.

# VPF INKJET MATERIAL MODULAR SYSTEM – PRODUCTS FOR ALL REQUIREMENTS

## Custom labels need custom solutions

No matter whether users need small or large quantities, are involved in crafts businesses, SMEs or industrial facilities, one thing is sure: to enjoy the full benefits of water-based digital printing, the necessary inkjet facestock and the application specific adhesive requirements have to be available.

Ideally, they are also on offer in small minimum order quantities – as water based inkjet printing is often used for printing customized short-runs.

Thanks to its longstanding development and partnerships, VPF arguably offers the most comprehensive range of inkjet adhesive material on the European market. For water-based inkjet printing (dye-based and pigment inks), VPF has a wide range of papers and films available.

They can be combined in the VPF module system with more than 30 special adhesives in different grammages as well as a broad array of siliconised backing papers and films.

With minimum order quantities starting at only 1000 m<sup>2</sup>, 12 inkjet papers and boards (matt and glossy between 67g/m<sup>2</sup> and 245g/m<sup>2</sup>) as well as 20 inkjet films made of polypropylene (PP), polyethylene (PE) and polyester (such as PET) are available for a variety of end uses.

Whatever the requirement – removable or permanent, suitable for food contact or seawater-resistant, coloured, opaque or with adhesive-free areas – has the perfect solution for you.

## ADHESIVES FOR ALL REQUIREMENTS FROM THE VPF MODULAR SYSTEM

APPLICATION / REQUIREMENT	ACRYLIC DISPERSION	UV-ACRYLATE	HOTMELT
Permanent / Extra-permanent	✓	✓	✓
Removable	✓	✓	—
Increased coat weights (max. possible)	25 g	40 g	80 g
Adhesive-free areas	✓	✓	✓
Food contact	✓	✓	✓
Seawater-resistant (BS 5609)	✓	✓	✓
UV resistance	✓	✓	—
Customer-specific colour / opacity	✓	—	—
Difficult surfaces / Tyres	—	—	✓
Heat-sealable	✓	—	—



## NEW! Inkjet PE film white glossy

VPF has developed white, glossy inkjet-printable PE film specially for the labelling of narrow, cylindrical objects such as syringes, ampoules, cans or bottles. The 100  $\mu$  white film (VPF 71914) is highly glossy and flexible and features a premium inkjet coating for dye inks.

The innovation now also makes single-variety PE product packages possible. Combined with VPF special adhesives for tight radii (e.g. Permanent 958), the VPF inkjet PE film opens up a new area of application for inhouse, colour-printed identification and decorative labels.

## NEW! Sustainable inkjet R-PE films

New, more sustainable solutions are gaining importance also in the inkjet sector. As first manufacturer we are able to produce an inkjet R-PE film based on 95% PIR. Thanks to a paper-like coating, the film has a very noble-looking white matt surface and can be printed very well with both dye and pigmented inks.

Our inkjet PET films are gradually being replaced by PCR films. Our inkjet films VPF 70428 Inkjet R-PET transparent glossy 50  $\mu$  (90% PCR content), VPF 70728 Inkjet R-PET film transparent glossy 80  $\mu$  (90% PCR content) and 70363 Inkjet R-PET film white glossy 80  $\mu$  (30% PCR content) are already available with a high amount of recycled content.



Within the paper range, the following papers are well suited for inkjet printing: Silphia Paper 100g (VPF 10664), Bagasse Paper 70g (VPF 10930), Grass Paper 90g (VPF 10945), CoffeeCup Paper 100g (VPF 10442) and the Recycled Paper 100% (VPF 1393951).



## Seawater-resistant labelstocks for water-based inks (BS 5609)

The extension of the VPF inkjet product range to include an Inkjet Special PP Film certified to BS 5609 for the in-house colour-printing of GHS labels with the water-based inkjet process is the ideal alternative to standard (post-) printing by thermal transfer or laser. The matt white 85  $\mu$  Inkjet Special PP Film (VPF 60241) and 127  $\mu$  (VPF 60743) is tested to BS 5609 and approved for Epson, Kiaro and Primera printing systems (with pigmented inks).

The BS 5609 approved labelstocks are available with seawater-resistant adhesives based on dispersion, hotmelt or UV-acrylate in VPF's modular system. VPF offers a complete range of materials for the printing of highly water- and abrasion-resistant dangerous goods labels, as required for chemicals in international goods transport.





## NEW! Thin inkjet PP "Economy" films

The white glossy inkjet PP films have been newly developed in 55 and 75  $\mu$  thicknesses. The "price entry" ECO films were specially produced for Memjet printing processes and are distinguished by a low thickness compared to conventional inkjet PP films.

Offering good print results and slightly reduced durability, the films are significantly less expensive than comparable premium inkjet PP films. They are equipped with the permanent adhesive 958 and white glassine B700 as standard.

## Inkjet PET film glossy white 80 $\mu$

The Inkjet PET film glossy white 80  $\mu$  (VPF 70363) is already in successful use in a multitude of applications in which brilliant print, dimensional stability and durability are key. By using special adhesives (often in combination with increased coat weights), the film is the ideal facestock for inkjet tyre labels, name plates and temperature-resistant applications. The film is resistant to the migration of plasticisers and other critical components that are frequently employed in highly aggressive adhesives for bonding on difficult substrates (e.g. tyres).

To improve processing, the self-adhesive labelstock can be supplied on request with increased adhesive coat weights up to 52 g/m<sup>2</sup> as well as with adhesive-free areas on the roll edges and liners silico-nised on both sides. Incidentally, the inkjet PET film glossy white 80  $\mu$  also lends itself well to printing with laser-printing systems.



## Special inkjet paper to prevent yellowing

During storage, conventional glossy inkjet papers tend to yellow on exposure to plasticisers released from plastics or rubber and to essential oils from spices or care products.

For such critical applications, VPF has developed a special glossy white inkjet paper 95 g (VPF 8093309) that shows a much reduced tendency to yellow – and is better suited for application on critical products than conventional glossy coated papers, so that they can be stored for much longer without visual impairment. It is outstandingly suitable for printing with both dye- and pigment-based inks.

## INKJET PAPERS

DESIGNATION	ART. NO.	WEIGHT	PROPERTIES / APPLICATION
Laser- / Inkjet Paper, satined	12324	65 g	'Price entry' identification labels
Inkjet Paper, matt	1393299	70 g	For narrow radius applications and removable labels
Thermo paper Eco, matt, inkjet printable	1470762	73 g	Suitable for identification labels that need to be printable both by means of thermo direct as well as inkjet
Recycling inkjet paper, matt coated	1353951	80 g	100 % recycled paper
Inkjet paper, high-glossy coated	8093388	87 g	Fast drying, good media resistance. Premium quality.
Inkjet paper, premium matt coated	1393450	92 g	Premium matt-coated paper for best printing results..
Inkjet paper, high-glossy coated	8093309	95 g	High-lossy paper with low yellowing tendency, for difficult conditions (outgasing of volatiles / softeners / essential oils)
<b>new</b> Inkjet paper, semi glossy	8093969	95 g	High-quality, semi gloss coated Inkjet paper for standard applications
Inkjet paper, matt coated	1393264	100 g	Premium standard, permanent labels.
Inkjet paper, matt coated	1393913	136 g	Premium standard, permanent labels.
Inkjet cardboard, inkjet matt-coated on both sides	1393833	168 g	Inkjet coated on both sides, also for non-self-adhesive hanging labels.
Inkjet cardboard, inkjet glossy coated	8093710	245 g	Premium quality, fast drying

## INKJET FILMS

DESIGNATION	ART. NO.	THICKNESS	PROPERTIES / APPLICATION
<b>new</b> Inkjet R-PET film, transparent, glossy (90% PCR)*	70428	50 µ	For tight radii and overlaminations.
Inkjet PP film, white, glossy, ECO	60960	55 µ	'Price entry' ECO solutions specially developed for Memjet printing systems. Ideally suitable for tight radii due to the low thickness.
Inkjet PP film, white, glossy, ECO	60943	75 µ	'Price entry' ECO solutions specially developed for Memjet printing systems. Reduced durability compared to VPF 60451.
<b>new</b> Inkjet PET film, white, matt	70318	75 µ	Suitable for type plate labels
<b>new</b> Inkjet R-PET film, transparent, glossy (90% PCR)*	70728	80 µ	Stable, highly transparent film for type labels, high temperature resistance
Inkjet PP film, transparent, glossy	60373	80 µ	Premium Inkjet-PP, fast drying, for brilliant colours
<b>new</b> Inkjet R-PET film, white, high-glossy (30% PCR)*	70363	80 µ	Temperature resistance, high dimensional stability
<b>new</b> Inkjet PET film, silver, glossy	70965	80 µ	Premium coated silver high gloss for decorative uses
Inkjet special PP film, white, matt	60241	85 µ	For seawater-resistant labels (BS 5609) and high scratch resistance.
Inkjet PP film, white, matt	60190	90 µ	Brilliant print results on matt coated surface
Inkjet PP film, white, matt	60766	90 µ	'Price entry' alternative to VPF 60190
Inkjet PP Film, white, semi-glossy	60374	90 µ	Premium Inkjet-PP, fast drying, for brilliant coloursn
Inkjet PP Film, white, high-glossy	60451	90 µ	Premium Inkjet-PP, fast drying, for brilliant colours
Inkjet PE film, white, glossy	71914	100 µ	Newly developed PE film solution for brilliant printing, flexible, including for tight radii.
Inkjet Data PE film, white, matt	71838	105 µ	For logistic labels and application on rough surfaces
<b>new</b> Inkjet R-PE film, white, matt (95% PIR)*	71201	105 µ	White matt Inkjet film with a paperlike-coating.
Inkjet special film silver glossy	60449	110 µ	Special film for exclusive decorative labels
Inkjet PE security film, white matt (splittable)	71634	120 µ	Splittable security film for tamper evident labels
Inkjet special PP film white matt	60743	127 µ	For seawater-resistant labels (BS 5609), highly stable with excellent print results.
<b>new</b> Inkjet polyester satin	60580	400 µ	Inkjet coated polyester satin for textile and mattress applications.

\* Refers to the base film used.





Inkjet



LinkedIn



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- ▶ Over 30 specialty adhesives
- ▶ Graduated release values
- ▶ Short lead times

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