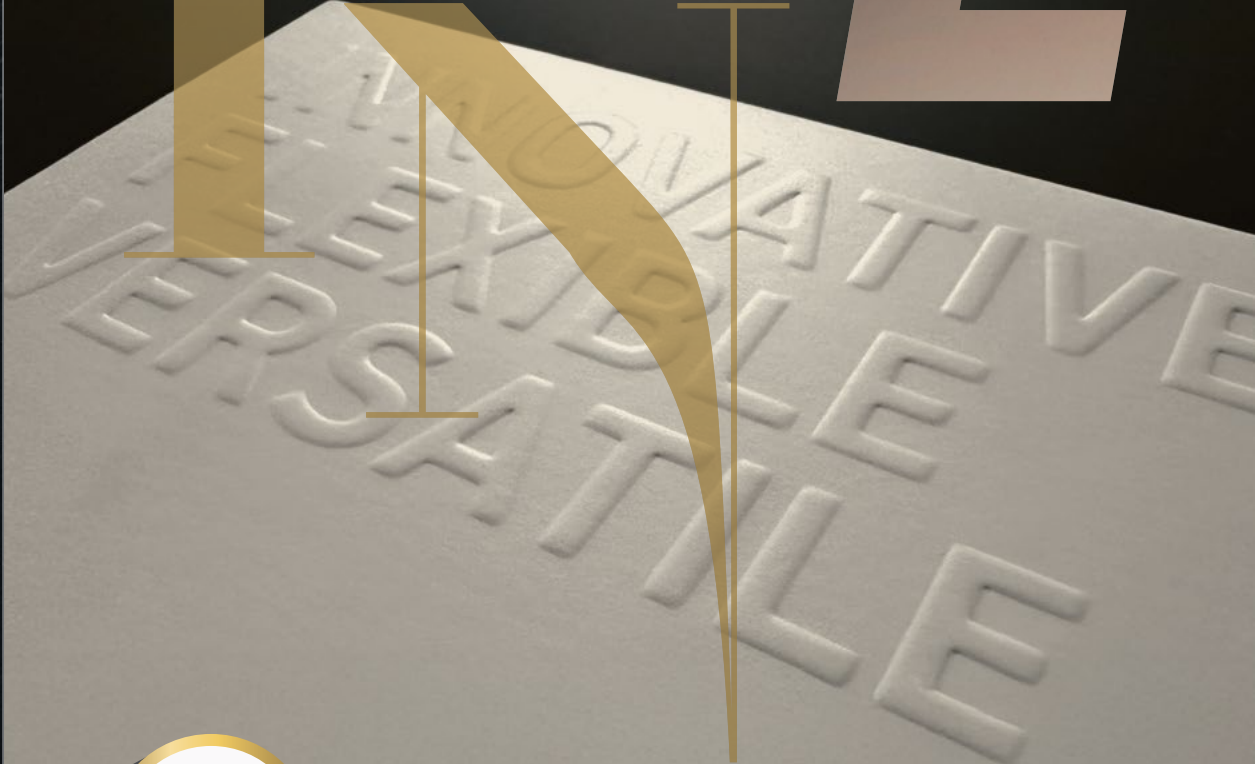
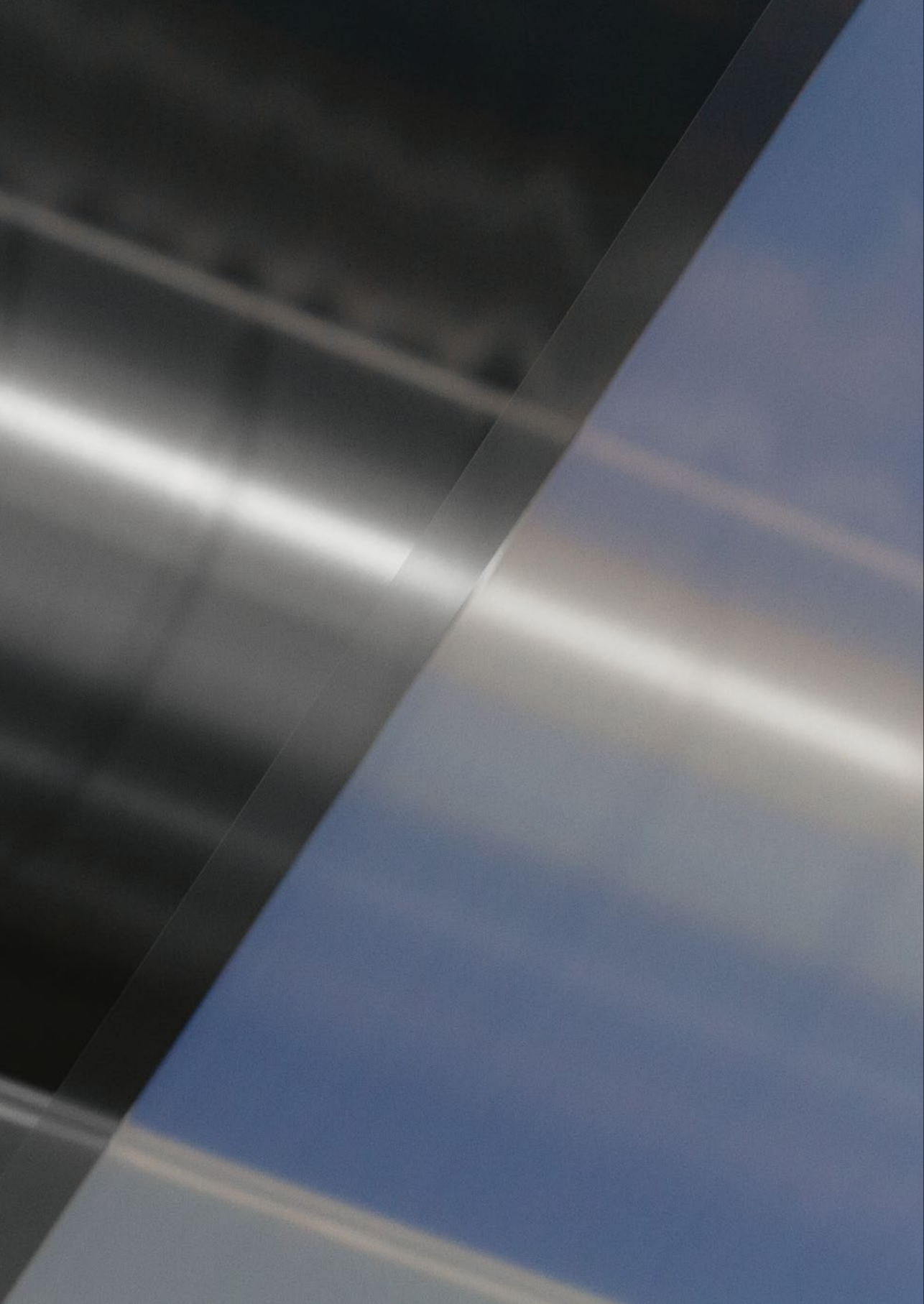




ALL



INDIVIDUAL AND INNOVATIVE
ADHESIVE MATERIAL SPECIALTIES



COMPETENT *PROBLEM SOLVER*, PROVIDER OF IDEAS AND YOUR PARTNER FOR ADHESIVE MATERIAL SPECIALTIES

We have been developing innovative, individual solutions for self-adhesive paper and film applications of all kinds for our customers at our current location in Sprockhövel since 1967 – with uncompromisingly good quality, high flexibility, low minimum quantities, comprehensive service and at fair market prices. We use the unique „VPF modular system“, whereby we combine over 600 face materials with around 40 adhesives and around 50 release liners with graduated release values precisely according to customer-specific wishes and requirements. If even this is not enough for a specific application, we can also specify new materials or change the adhesive application weights for you.

We offer all types of paper / cardboard, PE / PP / PET films, a very large inkjet and laser range, more sustainable printing materials, security materials from 200 m² (void, checkerboard, destructible, splittable, etc.), extremely durable materials, tire adhesive materials with the established HM 371 F

adhesive, opaque and aluminium-coated as well as metallized and holographic materials – and much more.

We are specialists in non-standard adhesive composites and currently coat permanent, water-washable and removable special adhesives (acrylic emulsions, conventional rubber hotmelts and UV acrylic hotmelts) on three coating lines. We change adhesive coating weights to fulfill individual customer requirements from small minimum quantities, dye adhesives opaque or colored and equip composites with adhesive-free zones. UL-listed materials, seawater resistant adhesive materials, dry-peel solutions, the construction of multilayer adhesive composites and contract coatings complete our portfolio. We are adhesive material experts – please benefit from our creativity, problem-solving skills, low minimum quantities and our passion for the perfect self-adhesive product.

Simply challenge us!

Member of the:





TRANSPARENT PAPERS	7
WET WIPES	9
HIGHLY OPAQUE FILMS	10



ULTRA POWER	13
ADHESIVE MATERIALS FOR EXTREME USE INDOORS AND OUTDOORS	
UL-CERTIFIED ADHESIVE MATERIALS	15
SEAWATER RESISTANT ADHESIVE MATERIALS AND LAMINATING FILMS	17



DYE INK OR PIGMENT	19
ADHESIVE LAMINATES FOR WATERBASED INKJET PRINTING	
INKJET PAPERS	25
INKJET FILMS	31



RATHER BE SAFE THAN SORRY ...	33
INNOVATIVE MATERIALS FOR THE PROTECTION OF EXCLUSIVE PRODUCTS	

SECURITY MATERIALS	39
--------------------	----



FOR CAREFUL USE OF RESOURCES	41
SUSTAINABLE MATERIALS FOR ADHESIVE LAMINATES	

SUSTAINABILITY BECOMES MANDATORY!	42
VPFine	45
SUSTAINABLE PAPERS	51
SUSTAINABLE FILMS	53
SUSTAINABLE ADHESIVES	55
SUSTAINABLE LINERS	57



PROFESSIONAL LOOK	59
LAMINATING FILMS FOR PROTECTING SENSITIVE SURFACES	

LAMINATING FILM PROGRAM	61
-------------------------	----



SHEET AND ROLL	63
ADHESIVE LAMINATES FOR LASER PRINTING	

LASER PAPERS AND FILMS	65
LASER ADHESIVES	67
LASER LINERS	67



THEY REALLY HAVE GRIP	69
ADHESIVE MATERIALS FOR TYRE LABELING	

TYRE LABEL MATERIALS	71
----------------------	----



SPECIAL SOLUTIONS	73
SANDWICH, MULTILAYER AND FIXED LAMINATIONS	

OUR
VPF MODULAR SYSTEM
YOUR CHOICE OF MATERIALS

PAPERS (FACE MATERIAL)	75
FILMS (FACE MATERIAL)	79
ADHESIVES	87
LINERS	97
CONTRACT COATINGS	101

5

BRANDNEW!

A futuristic rocket ship with a purple nose cone and green body, standing on a reflective surface against a sunset sky. The rocket is highly detailed with metallic textures and is reflected in the water below. The sky is a mix of teal, blue, and orange, with soft clouds. The text 'BRANDNEW!' is overlaid in large, white, bold, sans-serif capital letters.

TRANSPARENT PAPERS

SUSTAINABLE ALTERNATIVE FOR FILMIC CLOSURE LABELS



Two Transparent papers (VPF 10886 Transparent paper matt 35 g and VPF 10552 Transparent paper matt 62 g) are the latest stars on the closure label market.

They are suitable as first-opening protection in the pharmaceutical sector with permanent adhesives such as our well established cardboard adhesive 925, for example for closing folding boxes – Pharma Closure labels that can no longer be removed non-destructively. First opening clearly recognizable. But also ideal for use in combination with removable adhesives for closure or reclosure labels, for example on puzzle or toy boxes or even tissue packaging. The label can be removed from high-quality products without leaving any residue or can be resealed again and again. Also available with PET liners to increase transparency.

Economical, sustainable, clever.



WET WIPE

ADHESIVE MATERIALS FOR CLEANING,
COSMETICS AND HYGIENE PRODUCTS



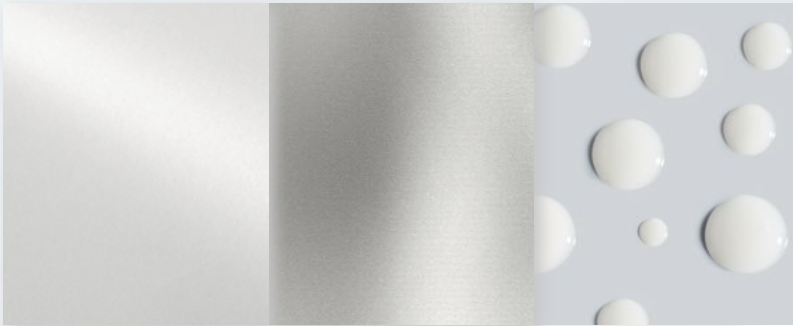
Everyone knows them, everyone has them at home. Wet wipe packaging from the cleaning, cosmetics or baby sector. Sometimes softly, sometimes less soft to open, sometimes loud, sometimes quiet. The requirements of our customers and the ingredients of the products are as varied as the various PP or PET face materials materials can be flexibly combined with our established UV acrylate adhesives HM 712 UV and HM 728 UV.

Depending on the packaging and customer requirements, of course, in adapted, individual adhesive coating weights. For secure sealing, protection against drying out and consistent quality, long shelf life and easy handling.

Why not give it a try!

HIGHLY *OPAQUE* FILMS

IDEAL FOR MULTILAYER LABELS AND DOUBLE-SIDED PRINTING



We have developed three fairly exclusive film materials that have never been seen on the market before. 100 % opaque films and still snow-white on both sides. The highlight: silver metallized films on the back – white on the front – are covered with highly opaque white-coloured adhesives. The result is an absolutely opaque white film on both sides.

Ideal for multilayer labels, wrap-around labels or labels in the beverage or cosmetics sector, where both the back and front of the label are printed, but the print should not show through under any circumstances.

The films are available in PP 30 μ (VPF 60101), PP 60 μ (VPF 60204) and PET 40 μ (VPF 70100).

Curious? Rightly so!

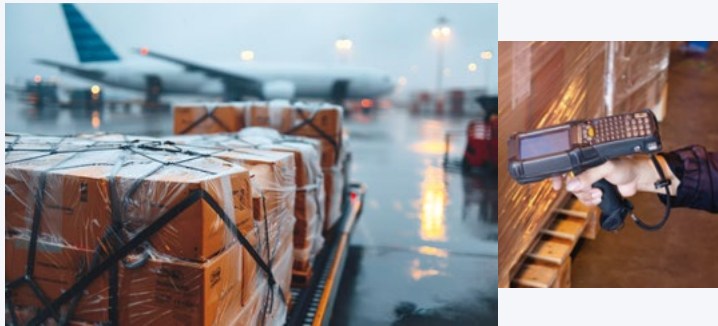


X T R M



ULTRA POWER

ADHESIVE MATERIALS FOR EXTREME USE INDOORS AND OUTDOORS



For the extreme and permanent use of labels, regardless of in- or outdoor use, we offer a carefully selected range of hard-wearing, durable and highly adhesive materials from a small minimum order quantity.

Whether you need conventional, inkjet, or laser printing, VPF has the ideal solution for your application.



DURABLE MATERIALS

HARD-WEARING, DURABLE AND
ROBUST – AVAILABLE FROM 500 M²

All materials are defined by very high initial and final adhesion values as well as good printability, durability and thermal resistance. This makes them ideal and perfectly applicable for type plates and labels – for example on electronic or automotive components, household goods, chemical drums, for GHS requirements, battery and photovoltaic technology, gardening tools and much more. Some of our products are seawater resistant according to BS 5609, Section 2 and 3 and are UL listed.

The minimum order quantity for our Durables program is 500 m², the production width is mainly 1,000 mm. Naturally, all our durable films are available with other adhesives and customized adhesive coating weights – tailored to your customer's application and with the usual VPF flexibility.

DURABLES PROGRAM

UL-CERTIFIED ADHESIVE MATERIALS

FACE MATERIAL / DESIGNATION	ADHESIVE	LINER	TTR*
UL-CERTIFIED ADHESIVE MATERIALS			
70232 Polyester film white glossy 50 µ, pretreated MH49843	HM 710 UV 25 g/m ²	B700-473 Glassine white 63 g/m ²	•
70232 Polyester film white glossy 50 µ, pretreated MH49843	HM 717 UV 35 g/m ²	B700-473 Glassine white 63 g/m ²	•
70287 Polyester film white matt 55 µ, TC MH49843	HM 710 UV 25 g/m ²	B700-473 Glassine white 63 g/m ²	•
70605 rPolyester film white matt (25 % PCR) 50 µ TC MH49843	HM 710 UV 25 g/m ²	B700-473 Glassine white 63 g/m ²	•
70605 rPolyester film white matt (25 % PCR) 50 µ TC MH49843	HM 717 UV 40 g/m ²	B700-473 Glassine white 63 g/m ²	•
70672 rPolyester film transparent glossy (90 % PCR) 50 µ, pretreated MH49843	HM 710 UV 25 g/m ²	B700-473 Glassine white 63 g/m ²	•
70972 Polyester film silver matt 50 µ, TC MH49843	HM 710 UV 25 g/m ²	B700-473 Glassine white 63 g/m ²	•
70972 Polyester film silver matt 50 µ, TC MH49843	HM 717 UV 30 g/m ²	B700-473 Glassine white 63 g/m ²	•
70972 Polyester film silver matt 50 µ, TC MH49843	HM 717 UV 35 g/m ²	B700-473 Glassine white 63 g/m ²	•

* Thermal transfer printing



DURABLES PROGRAM

SEAWATER RESISTANT ADHESIVE MATERIALS AND LAMINATING FILMS

FACE MATERIAL / DESIGNATION	ADHESIVE	LINER	TTR*
SEAWATER RESISTANT ADHESIVE MATERIALS			
70605 rPolyester film white matt (25 % PCR) 50 µ, TC	HM 710 UV 25 g/m ²	B700-473 Glassine white 63 g/m ²	•
70739 Special PET film white matt 55 µ, DURA TC	HM 716 UV 32 g/m ²	B800-473 both sides siliconized Glassine white 80 g/m ²	•
60784 Inkjet special PP film white matt 85 µ	HM 347 30 g/m ²	B700-473 Glassine white 63 g/m ²	•
71095 Data special PE film white matt 95 µ	HM 347 30 g/m ²	B700-473 Glassine white 63 g/m ²	•
60167 Laser PP film white matt 100 µ, back side black	HM 709 UV 40 g/m ²	NSA1400N Kraftliner white 138 g/m ²	•
60152 Inkjet special film white matt 113 µ	HM 347 22 g/m ²	B700-473 Glassine white 63 g/m ²	•
LAMINATING FILMS			
70737 PET laminating film transparent glossy 19 µ, UV-protection, NTC	HM 740 UV 25 g/m ²	B700-473 Glassine white 63 g/m ²	•

* Thermal transfer printing

INK JET

DYE INK OR PIGMENT

ADHESIVE LAMINATES FOR WATERBASED INKJET PRINTING



Stand-alone printing systems using water-based and pigment-based inks are becoming increasingly important. This applies to flexible in-house printing as well as to fast, high-quality printing of small label batches. More and more thermal transfer printing applications are being replaced by high-quality, multi-colored and high-performance inkjet printing systems.

VPF is a European leader in technology and innovation in the field of inkjet adhesive materials. Whether inkjet papers in different grammages and structures, PP films in white, transparent or various PET films, with a minimum quantity of 1,000 m², VPF has launched an extensive standard range for inkjet adhesive materials.

Special applications with special adhesives and liners can be realized at any time on request.



CUSTOMIZED

INDIVIDUAL LABELS REQUIRE CUSTOMIZED SOLUTIONS



For small or large customers as well as for artistic, medium-sized or industrial end users, the following applies: the numerous advantages of aqueous inkjet digital printing, the material requirements necessary for safe labeling must be met.

For this purpose, the variety of film and paper-based inkjet materials also require adhesive properties for the end application, preferably also in small minimum order quantities, as these are often produced in small-scale runs.



SOLUTIONS FOR ALL CASES!

VPF INKJET MATERIALS IN A MODULAR SYSTEM

Thanks to years of development and partnerships, VPF offers the most comprehensive range of inkjet adhesive materials on the European market. VPF offers a wide range of papers and films for aqueous inkjet printing (dye-based and pigment inks).

These can be combined in the VPF modular system with over 40 special adhesives in different coating weights as well as a wide variety of siliconized release papers and films.

Inkjet papers and cardboards (matt and glossy) and inkjet films made of polypropylene (PP), polyethylene (PE) and polyester (PET) are available for a wide range of end applications.

Whether removable or permanent, suitable for food contact or seawater resistant, coloured, opaque or with adhesive-free stripes: VPF has the right solution for you for a wide range of requirements.





STRUCTURED NATURAL PAPERS

THE WINE PAPER PROGRAM FOR WATERBASED INKJET PRINTING

Until now, there was no satisfactory and readily available solution on the market for the individual printing of labels on high-quality, embossed uncoated or wine papers using water-based inkjet printing systems. After intensive development work, VPF is now able to equip embossed papers with an inkjet coating, which significantly optimizes colour brilliance and drying speed compared to non-coated papers. The papers can be printed excellently using both dye and pigment inks, while retaining the tactile natural paper character. Despite the inkjet coating, the embossing on the paper is still easy to see and feel.

For many manufacturers of high-quality products, this opens up new possibilities in the decoration of small and medium-sized print runs, which are often characterized by numerous grade changes or individual imprints. VPF paid particular attention to compatibility with permanent adhesives, which are already successfully used in the wine industry, and to the coating with wash-off adhesives, which enable labels to be cleanly separated from reusable products in washing lines (with or without lye).

All papers are available exclusively from VPF.

INKJET PAPERS

ART. NO.	DESCRIPTION	WEIGHT	PROPERTIES / APPLICATION
1393354	Inkjet paper matt coated	63 g	Flexible, matt coated inkjet paper for excellent printing results (Dye & Pigment)
12324	Laser/inkjet paper, satin matt	65 g	'Price-Entry' identification labels
1393299	Inkjet paper matt coated	70 g	For small diameter applications and removable labels
1353951	Recycled inkjet paper matt	80 g	100 % recycled paper
8093594	Inkjet paper high gloss coated	90 g	Fast drying, good durability, premium quality
1393450	Inkjet paper premium matt coated	92 g	Premium matt-coated paper for best printing results
8093150	Inkjet paper high gloss coated	100 g	High gloss premium paper, excellent printing results (dye & pigment)
1393264	Inkjet paper matt coated	100 g	Premium standard, permanent labels
1393913	Inkjet paper matt coated	136 g	Premium standard, permanent labels
1393179	Inkjet paper matt coated on one side	160 g	Premium Standard for non-adhesive applications such as tickets
STRUCTURED INKJET PAPERS (WINE PAPER PROGRAM)			
10600	Vergé paper cream, inkjet coated	80 g	Wine paper
13426	Bagasse paper white, inkjet coated	90 g	Wine paper, 60 % sugar cane fiber content
13825	Laid White, inkjet coated	90 g	Wine paper, 100 % recycled content
13855	Martele paper white, inkjet coated	90 g	Wine paper, 40 % recycled content

EVEN FOR **THE MOST DIFFICULT APPLICATIONS** WE HAVE THE RIGHT **INKJET MATERIAL!**



SUSTAINABLE INKJET rPE FILMS: SOPHISTICATED SOLUTIONS WITH A HIGH RECYCLED CONTENT

The demand for more sustainable solutions is constantly increasing, especially in environmentally friendly aqueous inkjet printing. We were the first manufacturer to produce an inkjet rPE film based on 95 % PIR.

Thanks to a paper-like coating, the film (VPF 71201 Inkjet rPE film white matt 105 µ) has a very elegant-looking white matt surface and is very easy to print using dye and pigmented inks. Our inkjet PET films are gradually being replaced by PCR films.



GHS

SEAWATER RESISTANT INKJET ADHESIVE MATERIALS (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 waterbased inkjet process is the ideal alternative to standard (post-) printing by thermal transfer or laser. The white matt films in 85 μ (VPF 60784) and 113 μ (VPF 60152) are tested in accordance with BS 5609, Section 3 and approved for Epson and Kiaro printing systems (pigmented inks), among others. The films are available with seawater resistant adhesives based on hotmelt and UV acrylate in the VPF modular system.

STABLE AND DURABLE INKJET PET FILM WHITE GLOSSY 80 MICROMETERS



The Inkjet PET film glossy white 80 μ (VPF 70363) is already in successful use in a multitude of applications in which brilliant print, dimensional stability and durability are important. 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).

On request, the self-adhesive labelstock can be supplied with increased adhesive coating weights up to 52 g/m² and, for better processability, with adhesive-free areas on the roll edges and liners siliconized on both sides. Incidentally, the inkjet PET film glossy white 80 μ is also printable with laser-printing systems.

* Refers to the base film used.



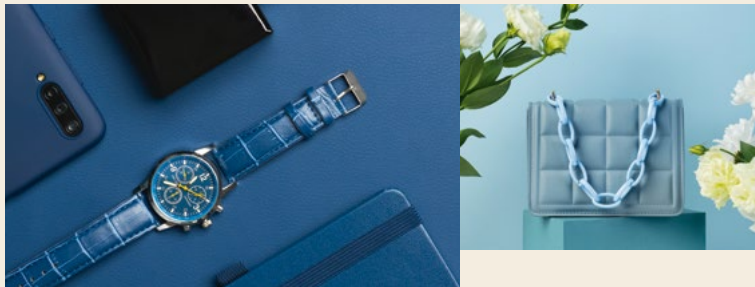
INKJET FILMS

ART. NO.	DESCRIPTION	THICKNESS	PROPERTIES / APPLICATION
70428	Inkjet rPET film transparent glossy (90 % PCR)*	50 µ	For tight radii and overlaminations
70530	Inkjet rPET film transparent matt (90 % PCR)*	50 µ	Recycled film, very fast drying, limited laser printability
60063	Inkjet PP film white glossy	58 µ	Excellent printing results with less material, also developed for tight radii
70318	Inkjet PET film white matt	75 µ	Suitable for type plate labels and outdoor applications
70728	Inkjet rPET film transparent glossy (90 % PCR)*	80 µ	Stable, highly transparent film for type labels, high temperature resistance
60373	Inkjet PP film transparent glossy	80 µ	Premium Inkjet-PP, fast drying, for brilliant colours
70363	Inkjet rPET film white high gloss (30 % PCR)*	80 µ	Temperature resistance, high dimensional stability also for tyre application
70965	Inkjet PET film silver glossy	80 µ	Premium coated silver high gloss for decorative uses
60784	Inkjet special PP film white matt	85 µ	For seawater resistant labels (BS 5609) and special scratch resistance
60190	Inkjet PP film white matt	90 µ	Brilliant print results on matt coated surface
60374	Inkjet PP film white semi-glossy	90 µ	Premium Inkjet-PP, fast drying, for brilliant colours
60451	Inkjet PP film white high gloss	90 µ	Premium Inkjet-PP, fast drying, for brilliant colours
71802	Inkjet HDPE film white high gloss	100 µ	Newly developed PE film solution for brilliant printing, conformable, also for tight radii
71822	Inkjet Data PE film white matt	105 µ	Logistics labels and for difficult substrates (e.g. wooden pallets)
71201	Inkjet rPE film white matt (95 % PIR)*	105 µ	White matt inkjet film with paper-like coating
60152	Inkjet special film white matt	113 µ	For seawater resistant labels (BS 5609), special chemical resistance
71634	Inkjet PE film white matt, splittable	120 µ	Splittable security film for tamper evident labels
70580	Inkjet polyester satin	400 µ	Inkjet coated polyester satin for textile and mattress applications.
	* Refers to the base film used.		

ORIGINAL **– OR –** **COUNTERFEIT**



RATHER BE SAFE THAN SORRY ... INNOVATIVE MATERIALS FOR THE PROTECTION OF EXCLUSIVE PRODUCTS



The requirements for the protection of high-quality products in the pharmaceutical, cosmetics, automotive, electronics, jewelry and clothing sector are constantly increasing. With a range of around 20 security materials in combination with high-quality, high-performance adhesives, VPF supplies specially coordinated adhesive materials for applications involving the protection of sensitive or exclusive products. Tampering, attempted opening or counterfeiting are thus immediately recognizable for industrial customers as well as for the end consumer.

VPF security materials are available with different security features: VOID, CHECKERBOARD, DIAMOND, splittable or destructible, in white, silver, holographic as well as transparent – in matt and glossy versions.



IRREVERSIBLE

EASILY DESTRUCTIBLE FILMS FOR HIGHEST SECURITY REQUIREMENTS

Ultra-easily destructible films offer a particularly high level of safety, as they irreversibly disintegrate into tiny pieces when an attempt is made to remove them.

They are available in matt white on an acrylate and acetate basis and are characterized by a specially defined tear resistance, which enables the roll material to be reliably processed during label production and at the same time ensures that the bonded labels are safely destroyed when they are removed from the substrate.



FIRST-OPENING PROTECTION

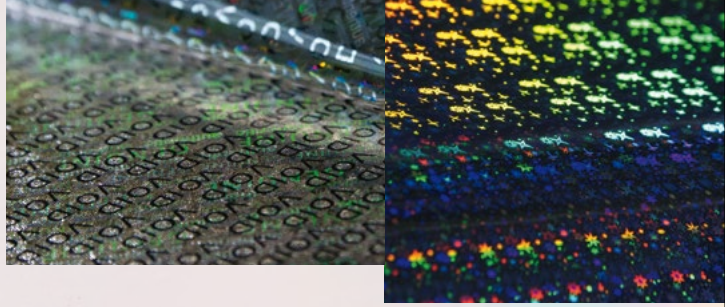
SECURITY MATERIALS FOR FOLDING CARTONS

The use of PP or PET-based security materials, which leave a permanently visible VOID or CHECKERBOARD residue in the event of tampering, ensures reliable first-opening protection for high-quality and sensitive folding cartons or products.

The highlight from our range is a transparent PET film 36 μ (VPF 70952), which leaves a hologram that was previously invisible when tampered with. Transparent papers in 35 and 62 g, which cannot be removed from folding cartons without destroying them, round off our range.







MANIPULATION PROTECTION COUNTERFEIT PROTECTION GUARANTEE OF ORIGINALITY

VOID, CHECKERBOARD, SPLITTABLE
AND DESTRUCTIBLE – AVAILABLE
FROM 200 SQUARE METERS

In our standard range, all VOID, CHECKERBOARD and DIAMOND patterns are equipped with our strong adhesive UV acrylate HM 716 UV. With an increased coating weight of 25 g/m², HM 716 UV represents the perfect balance of high tack, final adhesion and workability – and adheres strongly to a wide variety of surfaces immediately. HM 716 UV is also characterized by good heat, UV and media resistance.

Our destructible and splittable adhesive films are coated with the high-quality acrylic adhesives Permanent 925, 936 and 980, which are specially adapted to the security effect.

Our standard range of approx. 20 security materials is available from a quantity of 200 m², with short delivery times and a working width of predominantly 1,000 mm*.

Of course, we can realize customized and individual solutions for you on request, tailored to the end application and the respective substrate with the usual high flexibility, short development time and the well-known VPF quality.

SECURITY MATERIALS

(STANDARD RANGE)

ART. NO.	DESCRIPTION	WEIGHT THICKNESS	VPF ADHESIVE
	TRANSPARENT PAPERS		
10886	Transparent paper matt	35 g	925 – 22 g/m ²
10552	Transparent paper matt	62 g	925 – 22 g/m ²
	SECURITY FILMS		
70952	PET security film transparent glossy hologram VOID	36 µ	HM 716 UV – 25 g/m ²
70541	PET security film transparent glossy VOID	40 µ	HM 716 UV – 25 g/m ²
70529	PET security film white glossy VOID	40 µ	HM 716 UV – 25 g/m ²
70538	PET security film silver glossy CHECKERBOARD	40 µ	HM 716 UV – 25 g/m ²
70539	PET security film silver glossy VOID	40 µ	HM 716 UV – 25 g/m ²
7139851	Acetate security film white matt, destructible	40 µ	925 – 22 g/m ²
70880	PET security film silver glossy hologram VOID	43 µ	HM 716 UV – 25 g/m ²
70443	PET security film silver matt DRY-PEEL VOID	50 µ	HM 716 UV – 25 g/m ²
60949	PP security film transparent glossy VOID	50 µ	925 – 22 g/m ²
8040	Acetate film transparent glossy	50 µ	925 – 22 g/m ²
72706	Acrylate security film white matt, ultra destructible	50 µ	980 – 18 g/m ²
70490	PET security film silver matt CHECKERBOARD	50 µ	925 – 22 g/m ²
70110	PET security film silver matt VOID	50 µ	HM 716 UV – 25 g/m ²
5570S940	PET security film white matt DIAMOND	50 µ	HM 716 UV – 25 g/m ²
5560S742	PET security film silver matt DIAMOND	50 µ	HM 716 UV – 25 g/m ²
71639	PE security film white matt, splittable	109 µ	936 – 18 g/m ²
71634	Inkjet PE security film white matt, splittable	120 µ	936 – 18 g/m ²
Minimum quantity for all standard versions: 200 m ² , working width 1,000 mm (*except PET Hologram VOID, VPF 70952 and VPF 70880 = 790 mm)			

EF

FOR *CAREFUL* USE OF RESOURCES SUSTAINABLE MATERIALS FOR ADHESIVE LAMINATES

Environmental protection and resource-conserving management have become an integral part of the modern economic cycle. For some time now, VPF has also seen a steady increase in demand for more sustainable label solutions in the area of laminates.

In extensive test coatings, sustainable face materials have therefore been qualified, which can now be combined with different adhesives and cover papers according to the proven VPF modular system.

The new face materials include both paper and film solutions for all printing processes.



SUSTAINABILITY BECOMES *MANDATORY!*
THE NEW EU PACKAGING REGULATION (PPWR)
OUR CLAIM: WE SHAPE THE FUTURE RESPONSIBLY

With the new EU packaging regulation (PPWR), the European Union is setting clear targets: less waste, more recycling, a regulated proportion of recycled materials. For us at VPF GmbH & Co. KG, this is not just a regulation – it is our drive for innovation and responsibility.

The most important changes at a glance:

TOPIC	WHAT IT MEANS FOR US:
Recyclability	Development of mono-material and separable label solutions
Recyclate content	Securing high-quality PCR materials for our adhesive materials
Minimization of packaging	Development of weight-optimized materials
Reusable packaging	Label solutions for reusable systems and intelligent labeling





SCHEDULE

Recyclability

- By 2028: Publication of recyclability assessment criteria by the European Commission.
- By 2030: All packaging placed on the EU market must be recyclable.

Recyclate content in plastic packaging

- By 2027: Definition by the European Commission of methods for calculating and verifying the percentage of recycled content
- From 2030: Definition of minimum percentages of recyclate content.

Minimization of packaging

- By February 2027: Development by the European Commission of harmonized standards for calculating and measuring compliance with packaging minimization requirements.
- From 2030: Minimization of the weight and volume of packaging

Reusable packaging

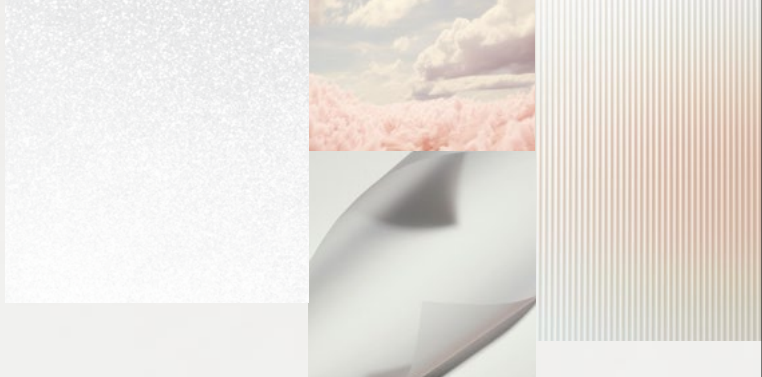
- From 2030: Certain transport and sales packaging must be 40 percent reusable.
- From 2040: Increase the proportion of reusable packaging to 70 percent.



Opportunities for our customers

- Early compliance with recycling requirements
- Sustainable products with a clear environmental profile
- Partnership in the transformation of your packaging solutions
- Technology and expertise made in Germany

Our conclusion: The PPWR is not just a challenge – it is an invitation to rethink packaging. As an innovative medium-sized company from Sprockhövel, we are actively shaping this future. Together with you.



SENSIBLE REDUCTION, CONSISTENT QUALITY AND **LOWER COSTS.**

LESS EMISSIONS THANKS TO
LIGHTER AND THINNER ADHESIVE
MATERIALS

With »VPFine«, we have put together a carefully selected range that represents the perfect compromise between mass reduction and machine and process capability in printing and labeling. The paper grammages and film thicknesses have been deliberately reduced in order to use less material.

Less material, lower resource consumption, reduced emissions,
consistent quality and more labels per roll with lower transport costs.

That makes sense!

ART. NO.	DESCRIPTION	WEIGHT THICKNESS	PRINTABILITY
	PAPERS		
10886	Transparent paper matt	35 g	Conventional, TTR*
2040	Paper, machine coated	40 g	Conventional, TTR*
2060	Chromo paper, machine coated	60 g	Conventional, TTR*
4470165	Thermal paper Top	60 g	Direct thermal, TTR*
10552	Transparent paper matt	62 g	Conventional, TTR*
1393354	Inkjet paper matt	63 g	Dye, Pigment, Memjet
12324	Laser/inkjet paper, satin matt	65 g	Conventional
1393299	Inkjet paper matt	70 g	Dye, Pigment, Memjet
	FILMS		
70877	rPET film transparent glossy, TC (90 % PCR)	12 µ	Conventional, TTR*
70737	PET film transparent glossy, UV-protection, NTC	19 µ	Conventional, TTR*
60260	PP film transparent glossy, NTC	30 µ	Conventional
60554	PP film white glossy, NTC	30 µ	Conventional
60101	PP film white glossy back side silver, TC	30 µ	Conventional, TTR*
70747	PET film transparent glossy, pretreated	36 µ	Conventional, TTR*
70355	PET film white glossy, pretreated	36 µ	Conventional, TTR*
60214	PP film white glossy, NTC	40 µ	Conventional, TTR*
60798	PP film transparent glossy, TC	40 µ	Conventional, TTR*
60793	PP film white glossy, TC	40 µ	Conventional, TTR*
60789	PP film transparent glossy, TC	46 µ	Conventional, TTR*
60279	PP film white glossy solid, TC, Food Contact	50 µ	Conventional, TTR*
70428	Inkjet rPET film transparent glossy (90 % PCR)	50 µ	Dye, Pigment, Memjet
70530	Inkjet rPET film transparent matt (90 % PCR)	50 µ	Dye, Pigment
	LINERS		
B560	Glassine paper yellow and white	56 g / 49 µ	Supercalendered glassine paper, one side siliconized. For reel-fed label applications with automatic dispensing.
NSA500	Kraft paper	50 g / 58 µ	One side siliconized Kraft liner, for manuell dispensing. Suitable for sheets.
PET23	PET film transparent tear-resistant	32 g / 23 µ	One side siliconized, transparent PET film, tear resistant, for automatic high-speed dispensing and no-label-look applications.

* Thermal transfer printing



POST CONSUMER = PRE INDUSTRY VALUABLE RAW MATERIAL INSTEAD OF UNWANTED WASTE

Thanks to our strong focus on sustainable materials, we have a sustainable alternative to almost every standard material commonly used in the industry. It doesn't matter whether you prefer PE, PP or PET film for your application. We have a variant with PCR (post-consumer recycling) content for every type of material.

Do you prefer paper as a print substrate? No problem!

Our range also includes coated, uncoated, white and black 100 % recycled papers. The impact of recycled materials on the CO₂ footprint? The use of a 90 % rPET film results in a saving of around 40 percent and with 100 % recycled paper of around 75 percent.



UNIQUE LOOK WITH A SUSTAINABLE TOUCH!

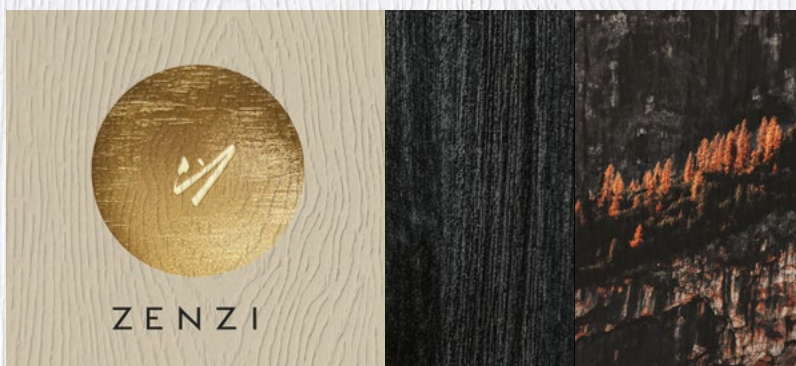
MATERIALS FROM RENEWABLE,
MORE SUSTAINABLE AND SENSIBLE
SOURCES



Discover our selection of materials from alternative raw material sources, such as our Silphie paper. The perfect combination of a unique look and a sustainable touch. The Silphie fiber is harvested on regional land and processed into paper in Germany. Biogas can be obtained as a by-product. This means that the Silphie fiber has a negative CO₂ footprint, which benefits the CO₂ balance of the Silphie adhesive composite.

Grass, sugar cane fiber, materials from agricultural waste, hemp, Silphie or recycled disposable coffee cups – there are no limits to the imagination. The result is unique and unmistakable paper qualities in terms of both look and feel.

EXCLUSIVE *HAPTICS* **SUSTAINABLE AND INNOVATIVE** FROM TRADITION FOR INDIVIDUAL AND ENVIRONMENTALLY CONSCIOUS BRAND PRESENCE



New at VPF is a 90 g Gmund “White Wood” paper with 40 % PCR recycled content. The paper (VPF 40225) has a beautiful, deep wood embossing and is perfect for high-quality wines, spirits, cosmetics or food.

Gmund “White Wood” is available with permanent and washable adhesives from 1 meter width.

From small minimum quantities, various Gmund embossings are available with the identical 90 g base paper (40 % PCR).

Please do not hesitate to contact us if you are interested.

GMUND

The most beautiful papers in the world come from Gmund am Tegernsee. Sustainable, innovative and particularly aesthetic. Using ecological processes, renewable raw materials and state-of-the-art technologies, Gmund Papier has been producing excellent papers for almost 200 years, which are now also available from VPF as self-adhesive materials.



PAK CHOI

Datum: 30.01.2024 Haltbar bis: 01.02.2024
Ursprungsland: Deutschland
Landwirtschaftlicher Betrieb, 45687 Dorfhausen

9,96 € Preis/kg 250 g **2,49 €**



0123456789

Little Garden GmbH
Müllerstraße 17, 59875 Gartenstadt
– Printed on VPF Thermo Bagasse 4470854 –

SUSTAINABLE PAPERS

ART. NO.	DESCRIPTION	WEIGHT	PROPERTIES
10662	Silphie paper (35 % Silphie fiber content)	70 g	Made from 35 % silphie fibers and 65 % recycled fibers, regional availability
10930	Bagasse paper beige (Basis: plant waste)	70 g	Made from agricultural waste
2070387	Machine coated paper semi-glossy, wet- and alkali-resistant (100 % recycled)	70 g	100 % recycled fibers, Blue Angel, EU Ecolabel
20989	Grass paper, pretreated	70 g	Advantages of grass fibers: 97 % less energy, 99 % less water, regional availability
4470776	Thermal paper Top (100 % recycled)	75 g	100 % recycled fibers
4470854	Thermal paper Top (100 % bagasse)	80 g	Made from agricultural waste
1353951	Recycled paper white (100 % recycled)	80 g	100 % recycled fibers, Blue Angel, EU Ecolabel, Nordic Swan
10157	Laid White (100 % recycled)	90 g	100 % recycled fibers, with line embossing
13825	Laid White, inkjet coated (100 % recycled)	90 g	100 % recycled fibers, with line embossing for dye and pigment ink
10602	Martele paper white (40 % recycled)	90 g	40 % recycled fibers, with fine hammer embossing
40225	Gmund White Wood (40 % recycled)	90 g	40 % recycled fibers, natural and unique wood embossing
10893	Bagasse paper white (Basis: plant waste)	90 g	Made from agricultural waste
10945	Grass paper	90 g	Advantages of grass fibers: 97 % less energy, 99 % less water, regional availability
10756	Recycled paper black (100 % recycled)	90 g	100 % recycled fibers
10843	Cotton paper white (100 % cotton)	100 g	100 % cotton
10442	CoffeeCup Paper® (100 % recycled)	100 g	100 % recycled, of which 25 % from old disposable cups and 75 % waste paper
10555	Gmund Hemp Paper (100 % hemp)	120 g	100 % hemp



SUSTAINABLE FILMS

ART. NO.	DESCRIPTION	THICKNESS	PROPERTIES
70877	rPET film transparent glossy (90 % PCR)	12 µ	90 % PCR, chemical recycling
70461	rPET film transparent glossy (90 % PCR)	23 µ	90 % PCR, chemical recycling
60931	NatureFlex™ film white glossy	42 µ	Cellulose film, industrially and home compostable
60750	NatureFlex™ film transparent glossy	45 µ	Cellulose film, industrially and home compostable
70428	Inkjet rPET film transparent glossy (90 % PCR)*	50 µ	Inkjet film for dye and pigment ink, base film 90 % PCR content
70530	Inkjet rPET film transparent matt (90 % PCR)*	50 µ	Inkjet film for dye and pigment ink, base film 90 % PCR content
70605	rPET film white matt (25 % PCR)	50 µ	25 % PCR content from chemical recycling, excellent printability
70672	rPET film transparent glossy print pre-treated (90 % PCR)	50 µ	90 % PCR, chemically recycled
60795	rPP film white glossy TC (55 % PCR)	50 µ	55 % PCR, mechanical recycling
60831	rPP film transparent glossy TC (69 % PCR)	50 µ	69 % PCR, mechanical recycling
70363	Inkjet rPET film white glossy (30 % PCR)	80 µ	Inkjet film for dye and pigment ink, base film 30 % PCR content
71471	rPE film white glossy (95 % PIR)	85 µ	95 % PIR, mechanical recycling



WASH OFF 605 SPECIAL ADHESIVE

Left: Washed-off labels float at the top, PET flakes at the bottom.
Center: Washed-off labels with adhesive.
Right: Pure PET flakes.



RECYCLING *RETHOUGHT*

WITH OUR WASH OFF ADHESIVES

Whether packaging is recyclable depends on many factors. The biggest challenge? Separating different materials cleanly from each other. This is the only way to produce high-quality recycle.

Our solution: Wash off adhesives that remove labels easily and residue-free during the recycling process – without contaminating the recycle with adhesives or printing inks.

Packaging design with foresight

Packaging is recycled differently depending on the material – and this should be taken into account right from the design stage. PET packaging, for example, undergoes an alkali hot wash and is then sorted according to its density. We recommend this process:

- Alkali wash off adhesives
- Label material with a density of less than 1 g/cm^3 – such as PE and PP films or certain wet-strength papers

Cold wash-off adhesives are the ideal choice for PE or PP packaging that does not undergo a hot wash.

Reusable? More possibilities!

Our wash-off adhesives are not only suitable for material recycling – they also play to their strengths with reusable packaging. And with our flexible modular system, we can adapt the solution to your individual application.

Curious? Discover what is possible – and get in touch with us!

ADHESIVES FOR THE RECYCLING CYCLE

ART. NO.	ADHESIVE	COATING WEIGHT	PROPERTIES / APPLICATION
604	Cold Wash Off	18 g/m ²	Permanent, washable adhesive for paper surfaces, pure water at a temperature of $>20^\circ\text{C}$ is sufficient for good results in the wash-off process, can be used on many surfaces such as glass and most plastics.
605	Alkali Wash Off	18 g/m ²	Permanent, washable adhesive for paper surfaces, the wash off process requires at least 1% caustic solution at a temperature of 70°C , can be used on many surfaces such as glass and most plastics.
HM725 UV	Alkali Wash Off	12 – 25 g/m ²	Washable special adhesive based on UV acrylate, which can be washed off the substrate under the influence of water (ideally $>70^\circ\text{C}$) and lye. Particularly suitable for filmic face materials.

OUR PROMISE!

SUSTAINABLE LINERS AND LINER RECYCLING

We know that around a third of our adhesive laminate is generally only used for further processing and far too often ends up in the waste management system. To deliberately minimize our impact on the environment, we work with recycled liners based on paper and film.

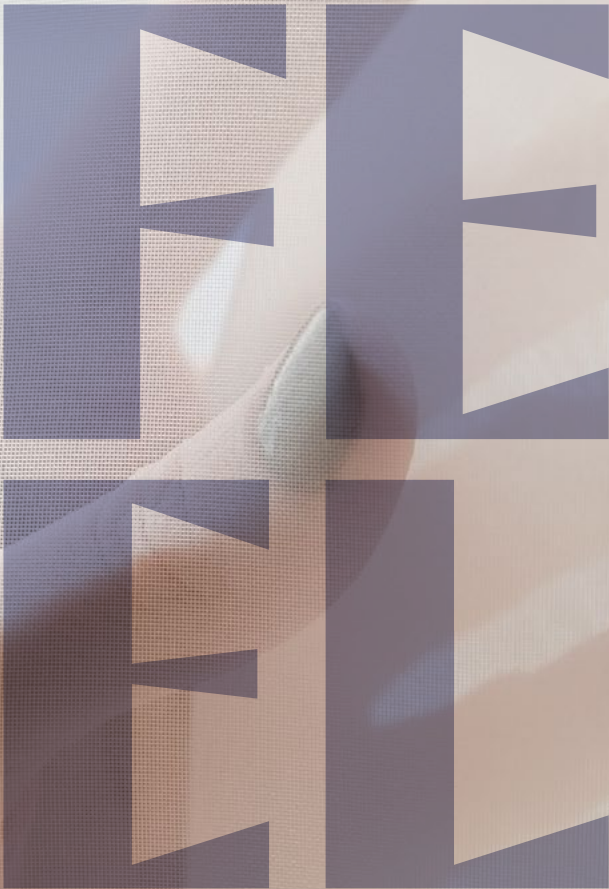
The more sustainable liners made from 70 % recycled paper and 90 % PCR PET are already being used successfully. A recycled PET liner (rPET) emits up to approx. 50 % less CO₂ during production than a conventional PET liner. Don't see the liner used as waste, consider it as a raw material. It is already possible to recycle our single-sided siliconized Glassine liners. The silicone is separated and the paper fibers can be reused.





SUSTAINABLE LINERS

ART. NO.	DESCRIPTION	WEIGHT / THICKNESS	PROPERTIES
B550	Glassine Liner white -473 (15 % PCR*)	55 g / 48 μ	One side siliconized, glassine with 15 % recycled content, for machine dispensing, easy release.
NSA700	Recycled paper white -476 (70 % PCR*)	70 g / 90 μ	Sustainable Kraft liner with 70 % recycled content, for manual dispensing, Suitable for sheets.
rPET30	rPET Liner transparent -473 (90 % PCR*)	42 g / 30 μ	One side siliconized, transparent rPET film with 90 % recycling content from PCR (Post Consumer Recycling), for automatic high-speed dispensing.
* Refers to the base film used.			



PROFESSIONAL LOOK

LAMINATING FILMS FOR PROTECTING SENSITIVE SURFACES



The extensive range includes many different transparent films based on PP or PET in thicknesses ranging from 12 to 40 μ . This means that these films cover almost all conceivable applications in which laminating films are to be used to protect sensitive or particularly sensitive prints and surfaces. The films are available both with and without topcoat for subsequent printing.

Our laminating film range is available at short notice from small minimum quantities of 500 m². In addition to PET laminating films for the protection of high-quality labels against UV, chemicals and weathering, the focus is also on exclusive films with a special feel and look such as “soft touch”, “sandy” or “leather look”.

For maximum transparency, we produce our laminating films with thin PET liners as standard.

All films can of course be combined with other adhesives and liners at the customer's request in accordance with the VPF modular system.



LAMINATING FILM PROGRAM

ART. NO.	DESCRIPTION	THICKNESS	ADHESIVE	LINER
70186	PET laminating film transparent glossy, TC	12 µ	Permanent 958	siliconized transparent PET film 23 µ – 473
70877	rPET laminating film transparent glossy, NTC (90 % PCR)	12 µ	Permanent 958	siliconized transparent PET film 23 µ – 473
70737	PET laminating film transparent glossy UV-protection, NTC	19 µ	Permanent 958	siliconized transparent PET film 23 µ – 473
70737	PET laminating film transparent glossy UV-protection, NTC	19 µ	HM 740 UV, 25g	Glassine white B 700-473
762086	PP laminating film transparent glossy, NTC	20 µ	Permanent 958	siliconized transparent PET film 23 µ – 473
60705	PP laminating film transparent glossy, TC	20 µ	Permanent 958	siliconized transparent PET film 23 µ – 473
7620718	PP laminating film transparent matt, NTC	20 µ	Permanent 980	siliconized transparent PET film 23 µ – 473
60386	PP laminating film transparent matt, TC	20 µ	Permanent 958	siliconized transparent PET film 23 µ – 473
60873	PP laminating film "Soft Touch" matt, TC	21 µ	Permanent 958	siliconized transparent PET film 23 µ – 473
70461	rPET laminating film transparent glossy, NTC (90 % PCR)	23 µ	Permanent 958	siliconized transparent PET film 23 µ – 473
70224	PET laminating film transparent matt, NTC	23 µ	Permanent 980	siliconized transparent PET film 23 µ – 473
60260	PP laminating film transparent glossy, NTC	30 µ	Permanent 958	siliconized transparent PET film 23 µ – 473
60888	PP laminating film transparent matt sanded, TC	38 µ	Permanent 958	siliconized transparent PET film 23 µ – 473
60883	PP laminating film transparent glossy leather look, TC	40 µ	Permanent 958	siliconized transparent PET film 23 µ – 473

L A S E R

A horizontal laser beam with a rainbow spectrum, set against a dark background with diagonal light streaks.

SHEET AND ROLL

ADHESIVE LAMINATES FOR LASER PRINTING



VPF has developed an extensive product portfolio for the growing demand in the laser printing sector, which is ideally suited for both sheet and roll laser printing.

Depending on the printing method (sheet/roll), you can choose the right adhesive for your application from our range of different adhesives as well as the appropriate face material. For roll printing, we offer our proven glassine papers and PET liners; for sheet printing, you can choose from various kraft papers of different thicknesses and qualities.

Laser papers and laser films are available for a wide range of end applications, starting from small minimum quantities of 1,000 m². Whether removable or permanent, suitable for food contact or resistant to seawater, opaque or with adhesive-free zones/stripes, with adhesive under or on top: VPF has the right solution for you for a wide range of requirements.

Laser



LASER PAPERS AND FILMS

ART. NO.	DESCRIPTION	SURFACE	WEIGHT THICKNESS
	LASER PAPERS		
12324	Laser paper satin-finished	matt	65 g
20989	Grass paper, pretreated	matt	70 g
12333	Laser paper satin-finished, back side blue	matt	76 g
23180	Fluorescent paper orange, coated	matt	78 g
25180	Fluorescent paper yellow, coated	matt	78 g
26180	Fluorescent paper green, coated	matt	78 g
28180	Fluorescent paper red, coated	matt	78 g
3080588	Cast-coated paper	high gloss	78 g
10442	CoffeeCup Paper® (100 % recycled)	matt	100 g
40754	Gmund Cotton White	matt	110 g
10555	Gmund Hemp Paper (100 % hemp)	matt	120 g
	LASER FILMS		
7074	Laser PET film white glossy	TC	50 µ
70605	Laser rPET film white matt (25 % PCR)	TC	50 µ
70622	Laser PET film transparent glossy	TC	50 µ
70953	Laser PET film silver matt	TC	55 µ
70001	Laser PET film white matt	TC	60 µ
70965	Inkjet/laser PET film silver glossy	TC	80 µ
60336	Laser PP film white matt	TC	100 µ
60167	Laser PP film white matt UV-stabilized, back side black, BS 5609 certified Sec. 2	TC	100 µ
70738	Laser PET film white matt	TC	107 µ



LASER ADHESIVES

ART. NR.	ADHESION	PROPERTIES / APPLICATION
980 permanent	Waterbased acrylic permanent	Allround adhesive for filmic labels, very high heat resistance, complies with European Toy Safety Standard EN 71-3, ISEGA-certified for direct food contact*, very high shear strength and high transparency. Also available as luminescent version.
933 permanent	Waterbased acrylic permanent	Excellent water resistance with low whitening. High transparency and UV resistance. High cohesion, good die-cuttability. ISEGA-certified for direct food contact*.
987 removable	Waterbased acrylic removable	Universally suitable for film and paper labelstock, high transparency, very high shear strength, suitable for PVC.
HM 709 UV	UV acrylate permanent	Allround adhesive (UV acrylic hotmelt), resistant to temperature-, chemical- and weather-resistant (UV resistant), ISEGA-certified for direct food contact*, as well as seawater resistant according to BS 5609, Section 2, suitable for all paper and filmic labelstock, available in coating weights from 12–50 g/m ² .

All laser face materials can also be combined with other adhesives from the VPF modular system!

LASER LINERS

GLASSINE LINERS FOR ROLL-TO-ROLL PROCESSING:			
B700	62 g / 55 µ	white, yellow various release values	Supercalendered glassine paper, one side siliconized. For reel-fed label applications with automatic dispensing.
B800	81 g / 69 µ	white various release values	One side siliconized glassine paper, supercalendered, with increased tear resistance for automatic dispensing.
KRAFT PAPERS FOR SHEET PROCESSING:			
NSA500	50 g / 58 µ	white	One side siliconized Kraft liner, for manuell dispensing. Suitable for sheets.
NSA850	87 g / 88 µ	white	One side siliconized Kraft liner, for manuell dispensing. Suitable for sheets. Good lay-flat properties.
NSA1400N	136 g / 141 µ	white	One side siliconized Kraft liner, for excellent lay-flat properties.
Other liners and PET liners also available on request.			



THEY REALLY HAVE **GRIP**

ADHESIVE MATERIALS FOR TYRE LABELING



For almost no other labelling application, the interaction between adhesive and face material is as crucial as in the labelling of tyres.

We are your specialist for tyre adhesives. An established adhesive on the market, our HM 371 F – synthetic rubber, adhesive grammages of 30–60 g/m² adapted to your application, on request with adhesive-free zones on the roll edges and siliconized liners on both sides – all in combination with the well-known and proven face materials Data special PE, OGR (TE-Coat) paper, aluminium barrier film, Thermal Eco, Thermal Top or PP white glossy.



TYRE LABEL MATERIALS

ART. NO.	DESCRIPTION	SURFACE	WEIGHT THICKNESS
	PAPERS		
1470717	Thermal paper Eco	matt	72 g
1470638	Thermal paper Top	matt	75 g
20842	OGR paper (TE-Coat) coated, oil/grease-repellent	matt	90 g
14734	Thermal paper Top, 60 g/m ² fixed on PET film 12 µ	matt	96 g
	FILMS		
5060803	Paper-laminated aluminium film silver, coated on the silver side	semi-glossy	60 µ
60659	PP film white glossy, with barrier	TC	60 µ
71095	Data special PE film white matt	Clay Coated	95 µ



Sandwich, multilayer, fixed lamination

UNIQUE

SPECIAL SOLUTIONS

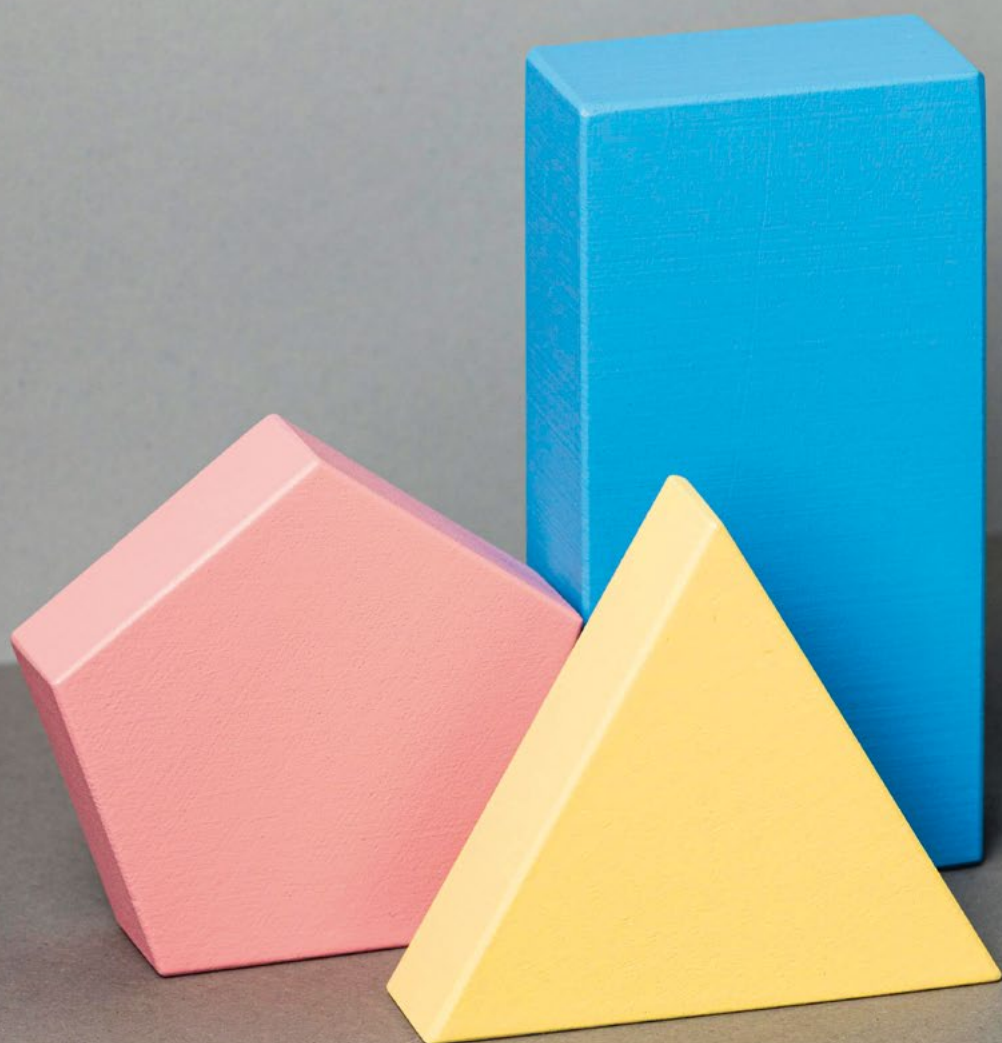
SANDWICH, MULTILAYER AND FIXED LAMINATIONS

Sandwich materials, multilayer adhesive materials, duplex composites or fixed laminations. There are almost no limits to the requirements of our customers.

Whether fixed laminations to achieve tear resistance or special printability, multilayer sandwich composites with glassine or PET liners and intermediate carriers, double-sided adhesive materials, transfer adhesives covered between two liners or two adhesive materials on a double-sided siliconized liner – we realize special solutions for all industries, in combination with different adhesives and adhesive application weights and in combination with graduated release values for optimum processability.

Typical examples are solid laminations as a migration barrier for tyre adhesives, sandwich materials for mailings or double-sided adhesive laminates for fixing components. Challenge us, we look forward to exciting tasks – often realizable from 1,000 m².

OUR
VPF MODULAR SYSTEM
YOUR CHOICE OF MATERIALS



PAPERS (FACE MATERIAL)

ART. NO.	DESCRIPTION	SURFACE	WEIGHT
	TRANSPARENT PAPERS		
10886	Transparent paper matt	matt	35 g
10552	Transparent paper matt	matt	62 g
	UNCOATED PAPERS		
1080	Vellum, calendered	matt	74 g
10120	Vellum, calendered	matt	120 g
10170	Cardboard, calendered	matt	170 g
10250	Cardboard, calendered	matt	250 g
	COATED PAPERS		
2040	Paper, machine coated	semi-glossy	40 g
2060	Paper, machine coated	semi-glossy	60 g
2070338	Paper, machine coated with optical brightener	semi-glossy	70 g
2080	Paper, machine coated	semi-glossy	80 g
2091	Paper, machine coated	semi-glossy	90 g
2091326	Paper, machine coated, back side silver	glossy	90 g
2096	Paper, machine coated	matt	90 g
20842	OGR paper (TE-Coat), coated, oil/grease-repellent	matt	90 g
20598	Paper, machine coated, wet and alkali-resistant	matt	90 g
20160	Cardboard, machine coated on both sides	semi-glossy	160 g
20190	Cardboard, machine coated on both sides	matt	190 g
	TEXTURED AND SUSTAINABLE PAPERS		
10662	Silphie paper (35 % silphie fiber content)	matt	70 g
10930	Bagasse paper beige (basis: plant waste)	matt	70 g
2070387	Machine coated paper, wet- and alkali-resistant (100 % recycled)	semi-glossy	70 g
20989	Grass paper, pretreated (suitable for laser printing)	matt	70 g
1353951	Recycled paper white (100 % recycled)	matt	80 g
10596	Vergé paper cream	matt	80 g
20549	Coated paper pearl	glossy	83 g
10893	Bagasse paper white (basis: plant waste)	matt	90 g
10945	Grass paper	matt	90 g

10157	Laid White (100 % recycled)	matt	90 g
10602	Martele paper white uncoated (40 % recycled)	matt	90 g
10756	Recycled paper black (100 % recycled)	matt	90 g
40225	Gmund White Wood (40 % recycled)	matt	90 g
10843	Cotton paper white (100 % cotton)	matt	100 g
10442	CoffeeCup Paper® (100 % recycled)	matt	100 g
10555	Gmund Hemp Paper (100 % hemp)	matt	120 g
	INKJET PAPERS		
1393354	Inkjet paper	matt	63 g
12324	Laser/inkjet paper, satin matt	matt	65 g
1393299	Inkjet paper	matt	70 g
1353951	Recycled inkjet paper (100 % recycled)	matt	80 g
8093594	Inkjet paper	high gloss	90 g
1393450	Inkjet paper, premium coated	matt	92 g
8093150	Inkjet paper	high gloss	100 g
1393264	Inkjet paper	matt	100 g
1393913	Inkjet paper	matt	136 g
1393179	Inkjet paper, coated on one side	matt	160 g
	STRUCTURED INKJET PAPERS		
10600	Vergé paper cream, inkjet coated	matt	80 g
13426	Bagasse paper white, inkjet coated	matt	90 g
13825	Laid White, inkjet coated (100 % recycled)	matt	90 g
13885	Martele paper white, inkjet coated (40 % recycled)	matt	90 g
	LASER PAPERS		
12324	Laser paper satin-finished	matt	65 g
12333	Laser paper satin-finished, back side blue	matt	76 g
	COLORED PAPERS		
23180	Fluorescent paper orange, coated (suitable for laser)	matt	78 g
25180	Fluorescent paper yellow, coated (suitable for laser)	matt	78 g
26180	Fluorescent paper green, coated (suitable for laser)	matt	78 g
28180	Fluorescent paper red, coated (suitable for laser)	matt	78 g
1580235	Vellum, yellow	matt	80 g

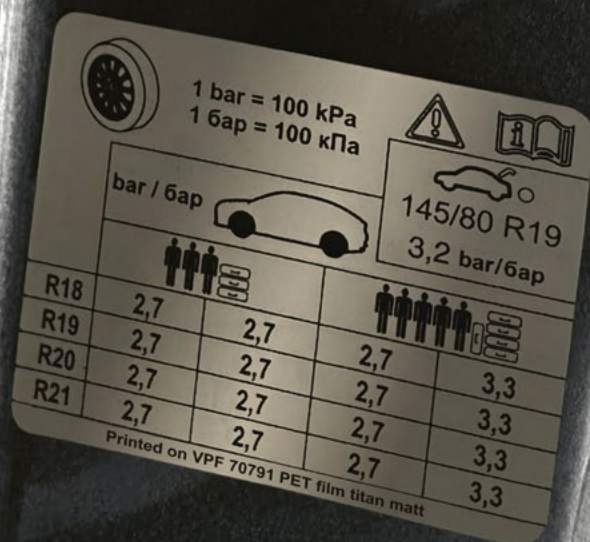
1680237	Vellum, green	matt	80 g
1880418	Vellum, red	matt	80 g
	THERMAL DIRECT		
4470165	Thermal paper Top	matt	60 g
1470717	Thermal paper Eco	matt	72 g
4470776	Thermal paper Top (100 % recycled)	matt	80 g
4470854	Thermal paper Top (100 % Bagasse)	matt	75 g
1470638	Thermal paper Top	matt	75 g
60741	Thermal PP film white	matt	80 µ
60228	Thermal PP film transparent	matt	80 µ
14734	Thermal paper Top, 60 g/m ² fixed on PET film 12 µ	matt	96 g
447012	Thermal paper Eco	matt	175 g
	PAPER LAMINATED ALUMINIUM FILMS / METALLIZED PAPERS		
5060803	Paper-laminated aluminium film silver	matt	82 g
5060804	Paper-laminated aluminium film silver	glossy	82 g
2560311	Metallized paper silver	glossy	83 g
6460939	Metallized paper gold	glossy	83 g
	TYRE LABEL MATERIALS		
1470638	Thermal paper Top	matt	75 g
20842	OGR paper (TE-Coat) coated, oil/grease-repellent	matt	90 g
14734	Thermal paper Top, 60 g/m ² fixed on PET film 12 µ	matt	96 g
5060803	Paper-laminated aluminium film silver, coated on the silver side	semi-glossy	60 µ
60659	PP film white glossy, with barrier	TC	60 µ
71095	Data special PE film white matt	Clay Coated	95 µ



FILMS (FACE MATERIAL)

ART. NO.	DESCRIPTION	TC / NTC	THICKNESS
	PE FILMS		
71327	Data special PE film white matt	NTC	73 µ
71869	HDPE film white semi-gloss, Valéron	NTC	75 µ
71221	PE film transparent glossy	NTC	78 µ
71378	PE film transparent glossy	TC	78 µ
71317	PE film white glossy	NTC	78 µ
71362	PE film white glossy	TC	78 µ
71942	PE film transparent matt	NTC	80 µ
71137	PE film white matt	TC	82 µ
71712	HDPE film white matt	NTC	90 µ
71095	Data special PE film white matt	Clay Coated	95 µ
71420	PE film white matt, opaque pink	NTC	105 µ
7170	Data special PE film white matt	Clay Coated	110 µ
7155	PE film white glossy	NTC	150 µ
7158	PE film white glossy	TC	150 µ
71864	HDPE film white semi-gloss, Valéron	NTC	165 µ
	PP FILMS		
60260	PP film transparent glossy	NTC	30 µ
60554	PP film white glossy	NTC	30 µ
60101	PP film white, back side silver	TC	30 µ
60214	PP film white glossy	NTC	40 µ
60857	PP diffraction film silver glossy "Sparkle"	TC	40 µ
60798	PP film transparent glossy	TC	40 µ
60789	PP film transparent glossy	TC	46 µ
60793	PP film white glossy	TC	48 µ
60855	Holographic PP film rainbow glossy	TC	50 µ
60350	PP film transparent glossy	TC	50 µ
60890	PP film silver glossy	TC	50 µ
60279	PP film white glossy solid, Food Contact	TC	50 µ
60562	PP film transparent frosted	pretreated	50 µ

60479	PP film transparent glossy	TC	60 µ
60849	PP film transparent matt	TC	60 µ
60204	PP film white, back side silver	TC	60 µ
60659	PP film white glossy	TC	60 µ
60422	PP film white matt, UV-stabilized	TC	60 µ
60741	Thermal PP film white matt	TC	80 µ
60228	Thermal PP film transparent matt	TC	80 µ
60946	Data PP film white matt	TC	80 µ
60926	PP film transparent glossy, UV-stabilized	NTC	90 µ
60839	PP film white glossy, UV-stabilized	TC	90 µ
60796	PP film white glossy	TC	90 µ
60258	PP film white matt	TC	92 µ
60991	PP film white matt	NTC	200 µ
	PET FILMS		
70382	PET film silver matt	TC	23 µ
7030	PET film gold matt	TC	25 µ
70747	PET film transparent glossy	pretreated	36 µ
70355	PET film white glossy	pretreated	36 µ
70473	PET film transparent glossy	pretreated	50 µ
70232	PET film white glossy	pretreated	50 µ
70187	PET film silver glossy	TC	50 µ
70291	PET film gold glossy	TC	50 µ
70972	PET film silver matt	TC	50 µ
70791	PET film titan matt	TC	50 µ
70605	rPET film white matt (25% PCR)	TC	50 µ
70287	PET film white matt	TC	55 µ
70739	Special PET film white matt, chemresist	Dura TC	55 µ
70065	Special PET film silver matt, chemresist	Dura TC	55 µ
70760	PET film transparent glossy	TC	71 µ
70584	PET film white glossy	pretreated	75 µ
70630	PET film white glossy	pretreated	100 µ
70871	PET film white glossy	pretreated	125 µ



70721	PET film white glossy	pretreated	175 μ
70589	PET mirror film silver glossy	pretreated	175 μ
70191	PET film transparent glossy	pretreated	175 μ
	SHRINK FILM		
70879	PET shrink film transparent glossy	pretreated	45 μ
	PVC FILMS		
90100243	PVC film transparent glossy, polymer	NTC	50 μ
93100107	PVC film yellow glossy	NTC	70 μ
93100543	PVC film black glossy	NTC	70 μ
93100566	PVC film black matt	NTC	70 μ
90100982	PVC film transparent "Orange-Peel"	NTC	90 μ
9010071	PVC film transparent glossy	NTC	90 μ
9310077	PVC film white glossy	NTC	90 μ
	SPECIALTIES		
526013	Pure aluminum film silver glossy	NTC	37 μ
71239	Adhesive film transparent glossy	NTC	60 μ
71563	Adhesive film white semi-glossy	NTC	120 μ
70660	Acetate satin white	pretreated	120 g
1073	Tyvek white 75 g	NTC	210 μ



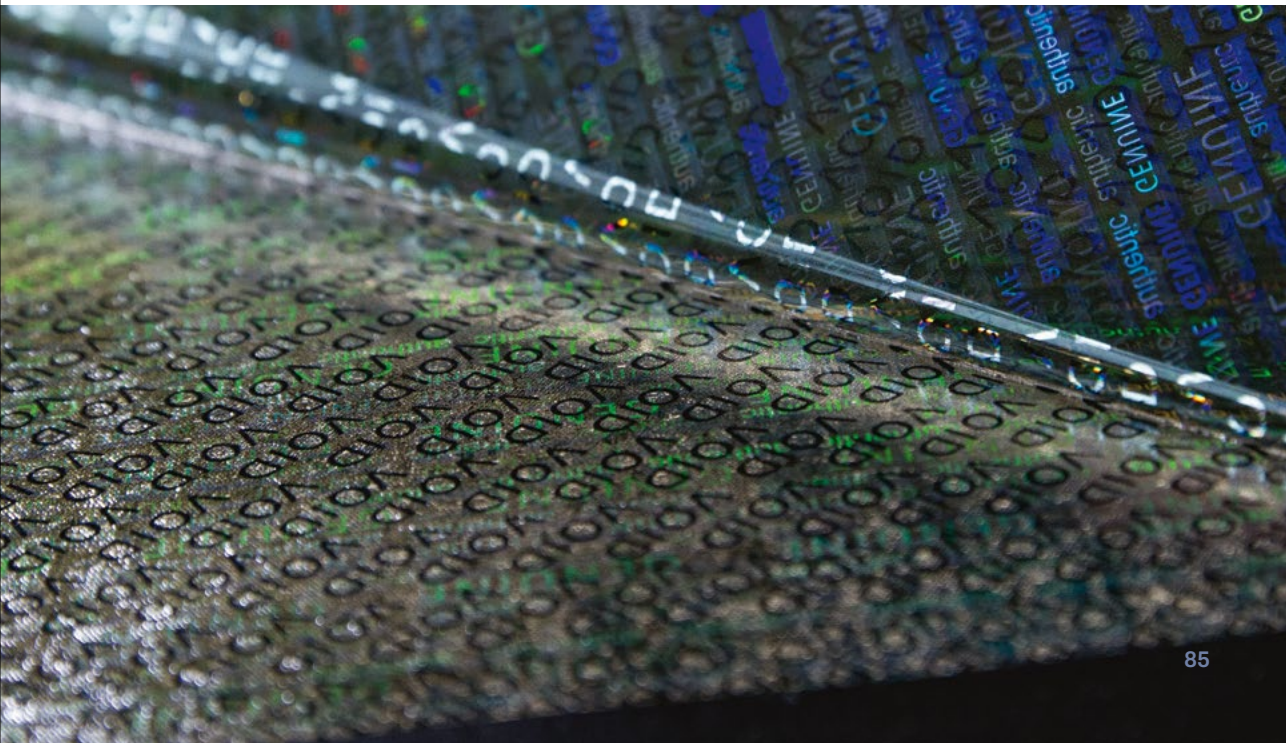
INNOVATIVE **HIGH GLOSS** FILMS
FOR WATERBASED INKJET PRINTING SYSTEMS

	LAMINATING FILMS		
70186	PET film transparent glossy	TC	12 µ
70877	rPET film transparent glossy (90 % PCR)	NTC	12 µ
70737	PET film transparent glossy, UV-protection	NTC	19 µ
762086	PP film transparent glossy	NTC	20 µ
60705	PP film transparent glossy	TC	20 µ
7620718	PP film transparent matt	NTC	20 µ
60386	PP film transparent matt	TC	20 µ
60873	PP film "Soft Touch" matt	TC	21 µ
70461	rPET film transparent glossy (90 % PCR)	NTC	23 µ
70224	PET film transparent matt	NTC	23 µ
60260	PP film transparent glossy	NTC	30 µ
60888	PP film transparent matt sanded	TC	38 µ
60883	PP film transparent glossy, leather look	TC	40 µ
	SUSTAINABLE FILMS		
60931	NatureFlex™ film white glossy	TC	42 µ
60750	NatureFlex™ film transparent glossy	TC	45 µ
70170	rPET film white glossy (50 % PCR)	TC	50 µ
70672	rPET film transparent glossy (90 % PCR)	pretreated	50 µ
60795	rPP white glossy (55 % PCR)	TC	50 µ
60831	rPP transparent semi-gloss (69 % PCR)	TC	50 µ
71471	rPE film white glossy (95 % PIR)	NTC	85 µ
	INKJET FILMS		
70428	Inkjet rPET film transparent glossy (90 % PCR)*	Inkjet	50 µ
70530	Inkjet rPET film transparent matt (90 % PCR)*	Inkjet	50 µ
60063	Inkjet PP film white glossy	Inkjet	58 µ
70318	Inkjet PET white matt	Inkjet	75 µ
70728	Inkjet rPET film transparent glossy (90 % PCR)*	Inkjet	80 µ
60373	Inkjet PP film transparent glossy	Inkjet	80 µ
70363	Inkjet rPET Folie weiß hochglänzend (30 % PCR)*	Inkjet	80 µ
70965	Inkjet PET film silver glossy	Inkjet	80 µ
60784	Inkjet special PP film white matt	Inkjet	85 µ



60190	Inkjet PP film white matt	Inkjet	90 µ
60374	Inkjet PP film white semi-glossy	Inkjet	90 µ
60451	Inkjet PP film white high gloss	Inkjet	90 µ
71802	Inkjet HDPE film white high gloss	Inkjet	100 µ
71822	Inkjet Data PE film white matt	Inkjet	105 µ
71201	Inkjet rPE film white matt (95 % PIR)*	Inkjet	105 µ
60152	Inkjet special film white matt	Inkjet	113 µ
71634	Inkjet PE security film white matt, splittable	Inkjet	120 µ
60580	Inkjet polyester satin	Inkjet	400 µ
	* Refers to the base film used.		
	LASER FILMS		
7074	Laser PET film white glossy	TC	50 µ
70622	Laser PET film transparent glossy	TC	50 µ
70953	Laser PET film silver matt	TC	55 µ
70001	Laser PET film white matt	TC	60 µ
60167	Laser PP film white matt UV-stabilized, back side black	TC	100 µ
60336	Laser PP film white matt	TC	100 µ
70738	Laser PET film white matt	TC	107 µ

	SECURITY MATERIALS		
70952	PET security film transparent glossy hologram VOID	TC	36 μ
70541	PET security film transparent glossy VOID	TC	40 μ
70529	PET security film white glossy VOID	TC	40 μ
70538	PET security film silver glossy CHECKERBOARD	TC	40 μ
70539	PET security film silver glossy VOID	TC	40 μ
7139851	Acetate security film white matt, destructible	NTC	40 μ
70880	PET security film silver glossy hologram VOID	TC	43 μ
70443	PET security film silver matt DRY-PEEL VOID	TC	50 μ
60949	PP security film transparent glossy VOID	TC	50 μ
8040	Acetate film transparent glossy	NTC	50 μ
72706	Acrylate security film white matt, ultra destructible	NTC	50 μ
70490	PET security film silver matt CHECKERBOARD	TC	50 μ
70110	PET security film silver matt VOID	TC	50 μ
5570S940	PET security film white matt DIAMOND	TC	50 μ
5560S742	PET security film silver matt DIAMOND	TC	50 μ
71639	PE security film white matt, splittable	Clay Coated	109 μ
71634	Inkjet PE security film white matt, splittable	Inkjet	120 μ





ADHESIVES FOR ALL REQUIREMENTS FROM THE VPF MODULAR SYSTEM

Our wide range of high-quality adhesives offers customized solutions for the most diverse requirements in the industry. The standard range includes, among others: Acrylic emulsion adhesives permanent or removable, hotmelt adhesives for efficient production processes, UV acrylics permanent and removable offer high adhesive strength and flexibility for demanding applications, wash-off adhesives, ideal for temporary labels or packaging that is to be removed later. We also offer specialty adhesives such as heat seal for secure closures and a dry-peel adhesive.

Our adhesives are characterized by high quality, reliability and a wide range of applications.

APPLICATION / REQUIREMENTS	ACRYLIC EMULSION	UV-ACRYLIC	HOTMELT
Permanent / Extra permanent	✓	✓	✓
Removable	✓	✓	
Overgrammages (max. application weight)	25 g	50 g	100 g
Adhesive-free zones (gum patterns)	✓	✓	✓
Food contact	✓	✓	✓
Seawater resistant (BS 5609 certified)		✓	✓
UV resistance	✓	✓	
Customized color / darkness / opaque	✓		
Tires / difficult surfaces			✓
Heat sealing	✓		
Washable	✓	✓	

WATERBASED ACRYLICS PERMANENT

ART. NO.	SERVICE TEMPERATURE	INITIAL TACK • = LOW = HIGH	FINAL ADHESION • = LOW = HIGH	SHEAR STRENGTH • = LOW = HIGH	PROPERTIES / APPLICATION
925	-40°C to +80°C	...	....	..	Especially suitable for apolar surfaces, cardboard, corrugated cardboard, etc. High adhesion with good die-cuttability, can be used for film and paper labelstock as well as PVC. ISEGA-certified for direct food contact*.
927	-20°C to +80°C	...	....	..	Universally applicable adhesive for paper labelstock, ISEGA-certified for direct food contact*, high adhesion.
936	-40°C to +80°C	....	....	•	Excellent adhesion, especially for paper labelstock, for difficult substrates. Also available in black coloured. ISEGA-certified for direct food contact*.
951	-40°C to +50°C	..	...	•	Deep-freeze adhesive, especially for slightly moist surfaces, as well as cold surfaces down to -20°C, good water resistance, suitable for wine labels, ISEGA-certified for direct food contact*.
958	-40°C to +80°C	...	...	....	Allround-adhesive, high adhesion and high shear strength, good die-cutting properties, excellent cohesion, suitable for tight radii, ISEGA-certified for direct food contact*. Also available as luminescent version.
972	-80°C to +70°C	..	...	...	ISEGA-certified for direct food contact* as well as the labelling of beef and blood bags (DIN ISO 3826). High transparency, good UV resistance, for film and paper print media. Application from -5°C, even on slightly moist surfaces.
980	-20°C to +120°C	..	...	....	Allround adhesive for filmic labels, very high heat resistance, complies with European Toy Safety Standard EN 71-3, ISEGA-certified for direct food contact*, very high shear strength and high transparency. Also available as luminescent version.
Opaque	Each emulsion acrylic adhesive is available in a dark or individually coloured version, according to customer requirements.				
Other adhesives such as 905, 931, 933, 934 or 959TX are still available!					
*ISEGA certificates on request.					



WATERBASED ACRYLICS REMOVABLE

ART. NO.	SERVICE TEMPERATURE	INITIAL TACK • = LOW = HIGH	FINAL ADHESION • = LOW = HIGH	SHEAR STRENGTH • = LOW = HIGH	PROPERTIES / APPLICATION
908	-20°C to +80°C	••	••	•	Universal removable adhesive for paper labels, ISEGA-certified for direct food contact*, high UV resistance. Variation 908/10 suitable for thermal paper.
913	0°C to +110°C	•	•	....	Ultra removable adhesive for filmic labels and application on plastic surfaces. Good UV and heat resistance.
915	-40°C to +80°C	••	•	••	Removable adhesive, especially for filmic labelstock. Good adhesion even on difficult surfaces, good ageing resistance. ISEGA-certified for direct food contact*.
987	0°C to +70°C	•	••	....	Universally suitable for film and paper labelstock, high transparency, very high shear strength, suitable for PVC.
*ISEGA certificates on request.					



NOW ALSO **BS 5609, SECT. 2** CERTIFIED!

HOTMELT PERMANENT

ART. NO.	SERVICE TEMPERATURE	INITIAL TACK • = LOW = HIGH	FINAL ADHESION • = LOW = HIGH	SHEAR STRENGTH • = LOW = HIGH	PROPERTIES / APPLICATION
HM 302	-0°C to +65°C	....	....	••	Hotmelt with 45 % organic content. Mineral oil-free, suitable for direct food contact, seawater resistant to BS 5609, Section 2. Adhesive with maximum initial tack, can be combined with all papers and films. Maximum coating grammage of 30 g/m ² .
HM 347	-40°C to +65°C	....	....	•••	Allround adhesive (conventional synthetic rubber) with excellent adhesion and high shear resistance, with good die-cuttabili-ty, suitable for paper and film labelstock, for difficult and slightly moist substrates, ISEGA-certified for direct food contact*, as well as seawater resistant according to BS 5609, Section 2. Available in coating weights from 12 – 100 g/m ² .
HM 357	-40°C to +80°C	....	....	••••	Highly transparent special adhesive (conventional synthetic rubber) with excellent adhesion and high shear resistance, with very good diecuttabili-ty. Suitable for paper and film labelstock, especially for rough, structured and apolar surfaces. For direct food contact* on dry, moist, nongreasy surfaces. Reach compliant and certified to BS 5609, Sect. 2. Available in coating weights from 19 – 60 g/m ² .
HM 371F	-40°C to +50°C	....	....	•	Specialty adhesive (conventional synthetic rubber) for labelling of extremely difficult surfaces, especially tyres, wood, jute bags etc. Raw materials approved for indirect food contact according to FDA 21-CFR-175.105, available in coating weights from 12 – 80 g/m ² , on request as well with adhesive-free strips on the roll edges.
*ISEGA certificates on request.					

UV-ACRYLICS PERMANENT

ART. NO.	SERVICE TEMPERATURE	INITIAL TACK • = LOW = HIGH	FINAL ADHESION • = LOW = HIGH	SHEAR STRENGTH • = LOW = HIGH	PROPERTIES / APPLICATION
HM 709 UV	-40°C to +160°C	••	•••	••••	Allround adhesive (UV acrylic hotmelt), resistant to temperature-, chemical- and weather-resistant (UV resistant), ISEGA-certified for direct food contact*, as well as seawater resistant according to BS 5609, Section 2., suitable for all paper and filmic labelstock, available in coating weights from 12–50 g/m².
HM 710 UV	-40°C to +160°C	••	•••	••••	Comparable properties to HM 709 UV, with an application weight of 25 g/m². UL-listed for various applications.
HM 716 UV	-40°C to +160°C	•••	••••	••	Special UV acrylic adhesive, resistant to temperature, chemicals and weathering. Aggressive adhesive, available in grammages up to 40 g/m², specially developed for safety applications. ISEGA-certified for direct food contact*.
HM 717 UV	-40°C to +160°C	•••	••••	••	Comparable properties to HM 716 UV, with an application weight of 30 or 35 g/m². UL-listed for various applications.
HM 740 UV	-40°C to +160°C	••	•••	••••	Allrounder adhesive (UV acrylic hotmelt), resistant to temperature-, chemical- and weather-resistant (UV resistant). Strong adhesion, suitable for paper and film labelstock, available with increased coating weight up to 35 g/m². ISEGA-certified for direct food contact*.
*ISEGA certificates on request.					

UV-ACRYLICS REMOVABLE

ART. NO.	SERVICE TEMPERATURE	INITIAL TACK • = LOW = HIGH	FINAL ADHESION • = LOW = HIGH	SHEAR STRENGTH • = LOW = HIGH	PROPERTIES / APPLICATION
HM 712 UV	-40°C to +120°C	••	••	•••	Removable UV acrylic adhesive, specially developed for resealable labels. Resistant to chemicals and weathering.
HM 728 UV	-40°C to +120°C	••	••	••	Removable UV acrylic adhesive, specially developed for wet-wipe/reclosure labels, resistant to temperature, chemicals and weathering. ISEGA-certified for dry and moist, non-greasy foodstuffs*.
*ISEGA-Zertifikate auf Anfrage.					

WASH OFF

ART. NO.	SERVICE TEMPERATURE	INITIAL TACK • = LOW = HIGH	FINAL ADHESION • = LOW = HIGH	SHEAR STRENGTH • = LOW = HIGH	PROPERTIES / APPLICATION
604	-20°C to +80°C	••	••	•	Permanent, washable adhesive for paper surfaces, pure water at a temperature of >20°C is sufficient for good results in the wash-off process, can be used on many surfaces such as glass and most plastics.
605	-20°C to +80°C	••	•••	•	Permanent, washable adhesive for paper surfaces, the wash-off process requires at least 1% caustic solution at a temperature of 70°C, can be used on many surfaces such as glass and most plastics.
HM 725 UV	-20°C to +100°C	••	••	••••	Washable special adhesive based on UV acrylate, which can be washed off the substrate under the influence of water (ideally >70°C) and lye. Particularly suitable for film face materials.



SPECIALTIES

ART. NO.	SERVICE TEMPERATURE	INITIAL TACK • = LOW = HIGH	FINAL ADHESION • = LOW = HIGH	SHEAR STRENGTH • = LOW = HIGH	PROPERTIES / APPLICATION
989	-0°C to +120°C	••	••	....	Semi-permanent waterbased acrylic adhesive, good heat resistance, re-positionable properties. ISEGA-certified for direct food contact*.
Heat seal	-0°C to +40°C	–	....	–	Waterbased heat seal dispersion. Sealable from temperatures of 95°C and above, no blocking at temperatures of below 40°C, used for closure labels of coffee and biscuit packaging. Coated facestocks are finished linerless. Operating width = 990 mm.
Dry-Peel		Specialty coating of paper and filmic substrates, always in combination with a transparent PET carrier. After removal from the PET carrier, the dry peel label loses its adhesion, and remains completely non-sticky. Specially developed for hang tags, or integrated labels or coupons. Operating width = 994 mm.			
Transfer adhesive		On request, each adhesive is also available as a transfer adhesive, always covered between two siliconized liners.			
Adhesive-free zones (gum patterns)		All adhesives are available with adhesive-free strips in the machine direction on request.			
*ISEGA certificates on request.					



LINERS

GLASSINE AND KRAFT PAPERS

ART. NO.	WEIGHT THICKNESS	COLOR	GRADUATED RELEASE VALUES 460 = VERY EASY 473 = EASY 476 = MEDIUM 477 = HIGH 641 = VERY HIGH	PROPERTIES / APPLICATION
GLASSINE LINERS				
B560	56 g / 49 µ	white, yellow	473 / 476	Supercalendered glassine paper, one side siliconized. For reel-fed label applications with automatic dispensing.
B700	62 g / 55 µ	white yellow	460 / 473 / 476 / 705 473 / 476 / 641	Supercalendered glassine paper, one side siliconized. For reel-fed label applications with automatic dispensing.
B700 dps	65 g / 54 µ	white, yellow	473 on both sides 476 on both sides 473 / 476 / 641	Double side siliconized glassine paper, supercalendered, for automatic dispensing of labels with increased coat weight.
B800	81 g / 69 µ	white	476	One side siliconized glassine paper, supercalendered, with increased tear resistance for automatic dispensing.
B800 dps	82 g / 69 µ	white	473 on both sides	Double-sided siliconized glassine paper, for automatic application of labels with higher adhesive application weight.
KRAFT PAPERS				
NSA500	50 g / 58 µ	white	476	One side siliconized Kraft liner, for manuell dispensing. Suitable for sheets.
NSA850	87 g / 88 µ	white	476	One side siliconized Kraft liner, for manuell dispensing. Suitable for sheets. Good lay-flat properties.
NSA1100	98 g / 103 µ	white	473 / 477	One side siliconized Kraft liner, for manuell dispensing. Suitable for sheets. Very good lay-flat properties.
NSA1400 N	136 g / 141 µ	white	476	One side siliconized Kraft liner, for excellent lay-flat properties.



LINERS

PET AND SUSTAINABLE LINERS

ART. NO.	WEIGHT THICKNESS	COLOR	GRADUATED RELEASE VALUES 460 = VERY EASY 473 = EASY 476 = MEDIUM 477 = HIGH 641 = VERY HIGH	PROPERTIES / APPLICATION
PET LINERS				
PET23	32 g / 23 µ	transparent	473 / 476	One side siliconized, transparent PET film, tear resistant, for automatic high-speed dispensing and no-label-look applications.
PET30	42 g / 30 µ	transparent	460 / 473 / 476	One side siliconized, transparent PET film, tear resistant, for automatic high-speed dispensing and no-label-look applications.
PET30 dps	42 g / 30 µ	transparent	473 on both sides	Double-sided siliconized, transparent PET film, tear resistant, for automatic high-speed dispensing.
PET36	50 g / 36 µ	transparent	473	One side siliconized, transparent PET film, tear resistant, for automatic high-speed dispensing and no-label-look applications.
PET50	70 g / 50 µ	transparent	473 / 476	One side siliconized, transparent PET film, tear resistant, for automatic high-speed dispensing and no-label-look applications.
SUSTAINABLE LINERS				
B550	55 g / 48 µ	white	473	One side siliconized, glassine with 15 % recycled content, for machine dispensing, easy release.
NSA700	70 g / 90 µ	white	476	Sustainable Kraft liner with 70 % recycled content, for manual dispensing, suitable for sheets.
rPET30	42 g / 30 µ	transparent	473	One side siliconized, transparent rPET film with 90 % recycling content from PCR (Post Consumer Recycling), for automatic high-speed dispensing.



ALMOST WITHOUT LIMITS

CONTRACT COATINGS

Our customers profit from our broad portfolio, which makes it possible to realise practically all their wishes. Almost any combination of materials and adhesives can be produced. For customer-supplied facestocks, adhesives or release liners, we are happy to perform contract coating of all kinds.

- ▶ Adhesive-free zones / widths as individually specified
- ▶ More than 40 special adhesives
- ▶ On Europallets or non-returnable pallets

Quality, flexibility and customer-orientation are integral to our company philosophy.

Special coating runs:

- ▶ Ready for delivery within a few working days
- ▶ In sheets up to 100 x 95 cm
- ▶ Small minimum order quantities

TECHNICAL DATA / CONTRACT COATINGS	
Contract coatings:	<ul style="list-style-type: none"> ▶ Acrylic emulsion ▶ Conventional hotmelts ▶ UV acrylic hotmelts
Roll width of raw material (unwinding):	Standard 1,020 mm (special widths on request)
Coating width / working width:	1,000 mm
Roll cores:	76 and 152 mm
Roll diameter on arrival:	Maximum 1,000 mm
Roll diameter for delivery:	Maximum 800 mm
Narrow roll width:	At least 50 mm
Material thicknesses:	12 – 500 µ
Adhesives coating weights:	8 – 12 g/m ² , 16 – 25 g/m ² (acrylic emulsion) 12 – 100 g/m ² (hotmelt) 12 – 50 g/m ² (UV acrylate)
Coloring of adhesives:	Only possible with dispersion acrylates – black, white, grey, coloured, luminescent
Adhesive-free zones (gum patterns):	At least 6 mm wide, only in machine direction

IMPRINT

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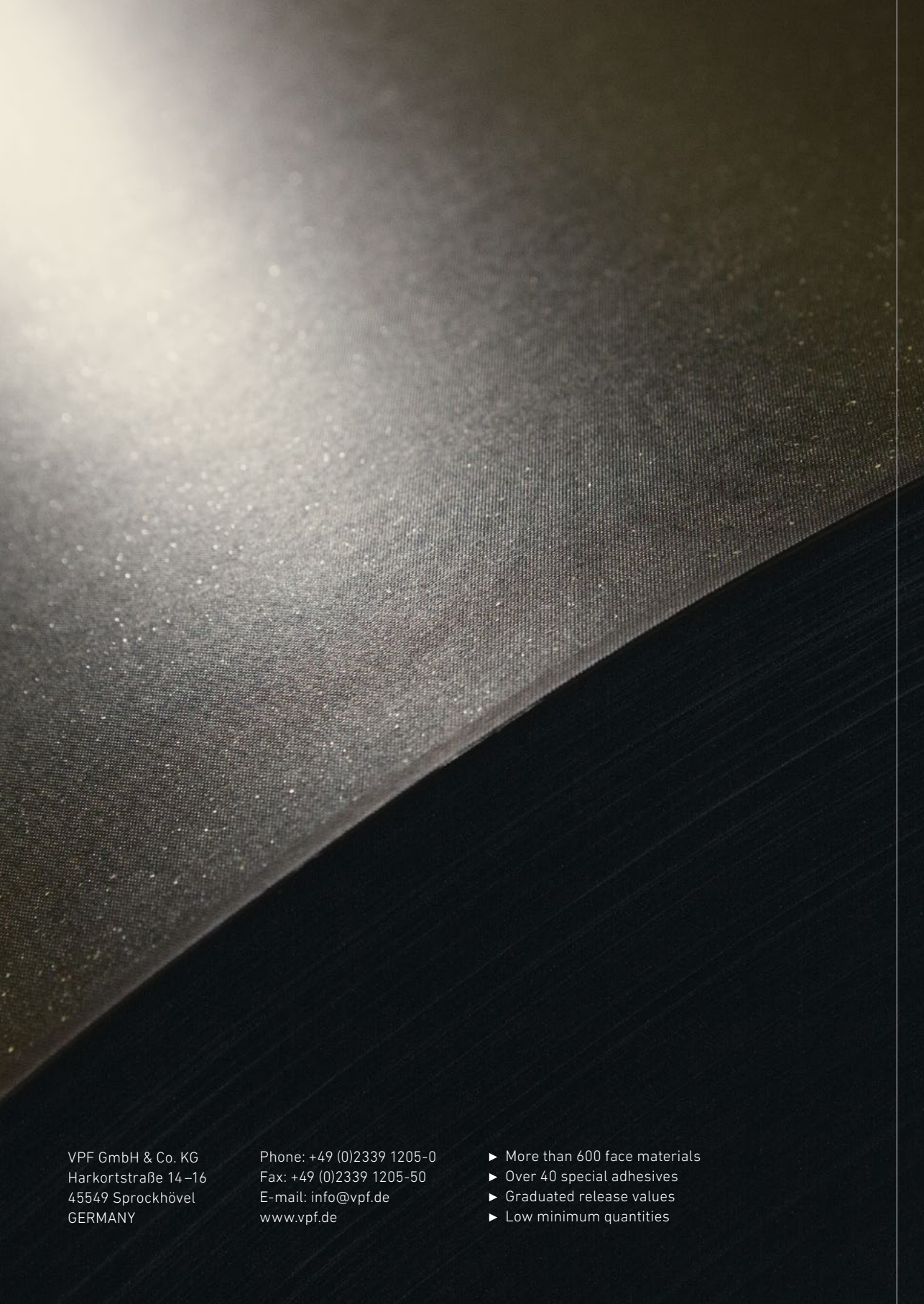
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- ▶ More than 600 face materials
- ▶ Over 40 special adhesives
- ▶ Graduated release values
- ▶ Low minimum quantities