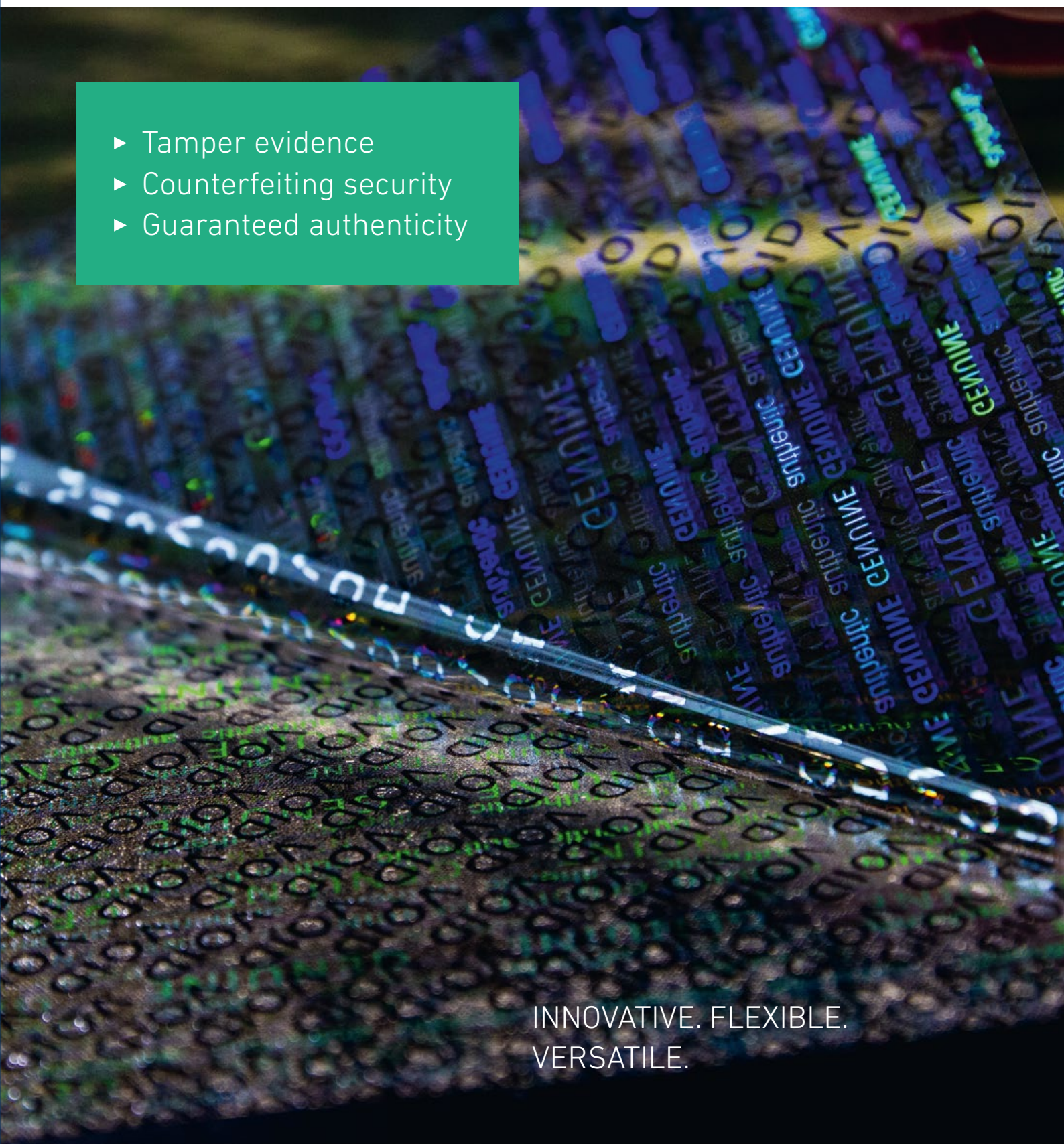


INNOVATIVE SECURITY LABELSTOCK

- ▶ Tamper evidence
- ▶ Counterfeiting security
- ▶ Guaranteed authenticity

A close-up photograph of a security label stock. The surface is covered in a repeating pattern of the word 'GENUINE' in various colors (blue, green, purple) and orientations. A clear adhesive strip is partially peeling away from the bottom left, revealing the underlying material. The lighting creates a shimmering, iridescent effect across the surface.

INNOVATIVE. FLEXIBLE.
VERSATILE.

VPF SECURITY MATERIALS: VOID, CHECKERBOARD, SPLITTABLE AND DESTRUCTIBLE – AVAILABLE FROM 200 m²

Tamper evidence, counterfeiting security, guaranteed authenticity

The requirements for protection and security of high-grade products in the pharmaceuticals, cosmetics, automotive, electronics, jewellery or apparel markets keep rising steadily. With its range of 18 security materials, combined with high-quality and high-performing adhesives, VPF supplies a finely tuned portfolio of matching self-adhesive materials for applications providing security for sensitive or exclusive products. These make any attempts to tamper with, open or counterfeit products immediately evident to industrial customers and consumers.

VPF security materials are available with a variety of security features: VOID, CHECKERBOARD, DIAMOND, SPLITTABLE or DISINTEGRATING, in the colours white, silver, holographic and clear – in matte or glossy finishes.

In our standard range, all VOID, CHECKERBOARD and DIAMOND patterned films are coated with our high-tack UV-acrylate HM 716 UV. With an increased coating weight of 25 g/m² the HM 716 UV strikes

a perfect perfect balance between high tack, final bond strength and good processability – as well as adhering strongly to a wide variety of substrates. The HM 716 UV also shows good resistance to heat, UV and fluids.

Our ultra-destructible and splittable self-adhesive films are coated with high-end acrylic adhesives permanent 925, 936 and 980 that have been specially designed for these security applications.

Our standard range of 18 security materials is available in quantities from 200 m² and up, with short lead times and out of a working width of 1,000 mm*.

Beyond our standard range, we will be happy to develop solutions adapted individually to meet the needs of your final application and the specific substrate used, all with the same high flexibility, fast development cycles and trusted VPF quality.

VPF security labelstock for high-end products for the pharmaceuticals, cosmetics, automotive, electronics, jewellery and apparel industries.

SECURITY MATERIALS (STANDARD RANGE)

| ART.-NO. | DESCRIPTION | THICKNESS | SECURITY EFFECT | STANDARD ADHESIVE |
|--------------------|--|-----------|-----------------|---------------------------------|
| new ▶ 70952 | PET security film, transparent, glossy, hologram, VOID | 36 µ | VOID | HM 716 UV – 25 g/m ² |
| new ▶ 70548 | VOID PET film transparent semi-glossy fluorescence | 36 µ | VOID | HM 716 UV – 25 g/m ² |
| 70541 | PET security film, transparent, glossy, VOID | 40 µ | VOID | HM 716 UV – 25 g/m ² |
| 70529 | PET security film, white, glossy, VOID | 40 µ | VOID | HM 716 UV – 25 g/m ² |
| 70538 | PET security film, silver, glossy, CHECKERBOARD | 40 µ | CHECKERBOARD | HM 716 UV – 25 g/m ² |
| new ▶ 70539 | PET security film, silver, glossy, VOID | 40 µ | VOID | HM 716 UV – 25 g/m ² |
| 70880 | PET security film, transparent, glossy, hologram, VOID | 43 µ | VOID | HM 716 UV – 25 g/m ² |
| new ▶ 70443 | PET security film, silver, matt, DRY-PEEL VOID | 50 µ | VOID | HM 716 UV – 25 g/m ² |
| 60949 | PP security film, transparent, glossy, VOID | 50 µ | VOID | 925 – 22 g/m ² |
| new ▶ 70970 | OPP film, white, glossy, VOID | 50 µ | VOID | 925 – 22 g/m ² |
| 72704 | Acrylic security film, transparent, glossy, ultra destructible | 50 µ | DISINTEGRATING | 980 – 18 g/m ² |
| 72706 | Acrylic security film, white, matt, ultra destructible | 50 µ | DISINTEGRATING | 980 – 18 g/m ² |
| new ▶ 70490 | PET security film, silver, matt, CHECKERBOARD | 50 µ | CHECKERBOARD | 925 – 22 g/m ² |
| 70110 | PET security film, silver, matt, VOID | 50 µ | VOID | HM 716 UV – 25 g/m ² |
| 5570S940 | PET security film, white, matt, DIAMOND | 50 µ | DIAMOND | HM 716 UV – 25 g/m ² |
| 5560S742 | PET security film, silver, matt, DIAMOND | 50 µ | DIAMOND | HM 716 UV – 25 g/m ² |
| 71639 | PE security film, white, matt (splittable) | 109 µ | SPLITTABLE | 936 – 18 g/m ² |
| 71634 | Inkjet PE security film, white, matt (splittable) | 120 µ | SPLITTABLE | 936 – 18 g/m ² |

Minimum quantity for all standard versions: 200 m², width 1,000 mm (* = except for PET Hologram VOID, VPF 70880, VPF 70952, 800 mm)

Further information – Phone: +49 (0)2339 1205-0 | info@vpf.de | www.vpf.de

EFFECTIVE PROTECTION OF HIGH-QUALITY PRODUCTS WITH THE INNOVATIVE VPF SAFETY MATERIALS

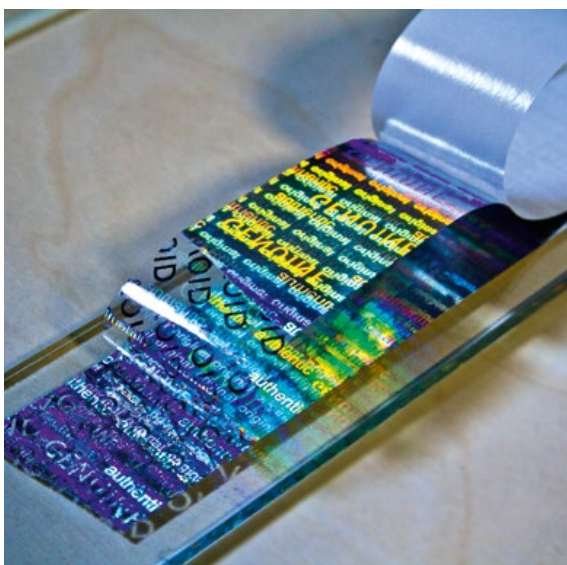


Ultra-destructible films for highest security

Readily disintegrating films offer an especially high level of security as they “self-destruct” at the slightest attempt to remove them, disintegrating into tiny pieces. Available in white and clear, they have a specific pre-defined tear-resistance, which allows good processing of rolls during label production while ensuring that, once stuck to an object, the labels will disintegrate when they are peeled off from the substrate.

Security materials for folding boxes

The use of security materials based on PP or PET, which leave a permanently visible VOID or CHECKERBOARD when manipulated, reliably guarantees the first-opening protection of high-quality and sensitive boxes or products. Highlight from our portfolio are a transparent PET film 36 μ (VPF 70952), which triggers a previously invisible hologram when tampered with.



Proven quality for many different uses: VOID, CHECKERBOARD and DIAMOND

Whether your preference is for white, silver, clear or holographic – with a VOID, CHECKERBOARD or DIAMOND pattern – in a matte or glossy finish, VPF already offers a broad selection in its standard range of PET security films with the aggressive UV acrylic hotmelt adhesive HM716UV at an increased coating weight of 25g/m² – which cannot be removed without exposing the respective security feature. On request, we can also develop individual solutions with customer-specific colours and markings.



Security



LinkedIn



Website



VPF GmbH & Co. KG
Harkortstraße 14-16
45549 Sprockhövel
Germany

Phone: +49 (0)2339 1205-0
Fax: +49 (0)2339 1205-50
Email: info@vpf.de
www.vpf.de

- ▶ More than 500 facestocks
- ▶ Over 30 specialty adhesives
- ▶ Graduated release values
- ▶ Short lead times



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