

WE ARE FLEXIBLES

B+K
BISCHOF + KLEIN

INDIVIDUAL SOLUTIONS FOR SPECIAL REQUIREMENTS

As much protection as possible, as little adhesion as necessary – B+K perfectly meets these standard requirements pertaining to protective films for diverse surfaces. In addition, our self-adhesive and self-adhering films leave no desire unfulfilled in terms of protection characteristics, adhesion levels, thermal forming capability or release behaviour.

Irrespective of whether you are looking for a standard protective film for commodity surfaces or a special film equipped with special features for a highly-sensitive product - each is able to make use of our strengths. Our competence is characterised by the flexibility and diversity of our state-of-the-art machinery, individual advice and support from our customer service and our decades of experience.

These are the prerequisites under which we produce films of the very highest quality, equipped with various adhesives or adhesive-free adhesive layers and suitable for all intended applications. In advance, we subject our films to extensive tests on the surfaces that you want to protect. This is undertaken in close co-ordination with you to immediately meet your requirement profile. Of course, our service technicians are also happy to answer your questions on-site and support your process optimisation.

THE ENTIRE RANGE FROM ONE SOURCE

Customers from diverse industries and markets rely on our surface protection films, which we offer in both adhesive-free and adhesive-coated form.

Adhesive-free films are produced in widths up to **2,800 mm** using the **cast or blown film extrusion process**. Our special recipe films adhere to virtually every conceivable surface and guarantee that your products can be further processed without residues.

Adhesive-free film

Outer layer

Substrate layer

Adhesive layer



OUR MARKETS

PLASTIC SHEETING AND FILMS

Whether adhesive-free or coated with special adhesives, B+K films reliably protect plastic sheeting and films even under difficult conditions in the production process, ensuring that the film adheres perfectly on the product before and during thermal forming, for example. The adhesion decreases significantly after cooling - the films can be peeled off easily and without residues. Adhesive recipes individually developed by us ensure that the adhesive-coated films adhere reliably - even when subjected to severe mechanical strain.



Plastic sheet



Window profile



Furniture surface

PVC WINDOW PROFILES

Whether this involves narrow or wide reels, interior applications or exposure to the elements, coloured or printed films, with low or high adhesion: B+K manufactures optimal solutions with various adhesive systems for both smooth and structured window profiles or those equipped with special decorative films.

FURNITURE SURFACES

To ensure that high-quality furniture surfaces – whether they be smooth, high-gloss, matt or structured – reach the end customer without suffering damage, we have also optimised our corresponding films for temperature-intensive post-forming processes.

METALS

Our products protect all metal surfaces during production and transportation: aluminium, stainless steel and other materials as well as painted, smooth, brushed or formable elements. All material surfaces covered with films remain undamaged even under difficult conditions such as those which arise during cutting, drilling or milling.

IF YOU TOO HAVE PARTICULAR EXPECTATIONS ON A FILM, B+K IS THE RIGHT ADDRESS FOR YOU.

We produce **adhesive-coated films** in widths up to **2,800 mm**. The variety of special adhesives in interaction with the quantity of adhesive applied is crucial. We therefore succeed in meeting diverse requirements on surface structures.

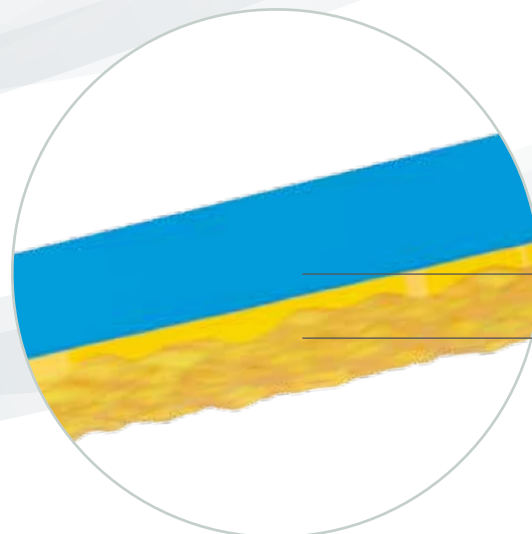
We offer these adhesive-coated film variants:

- Solvent-based acrylate
- Acrylic dispersion
- Natural rubber

Adhesive-coated film

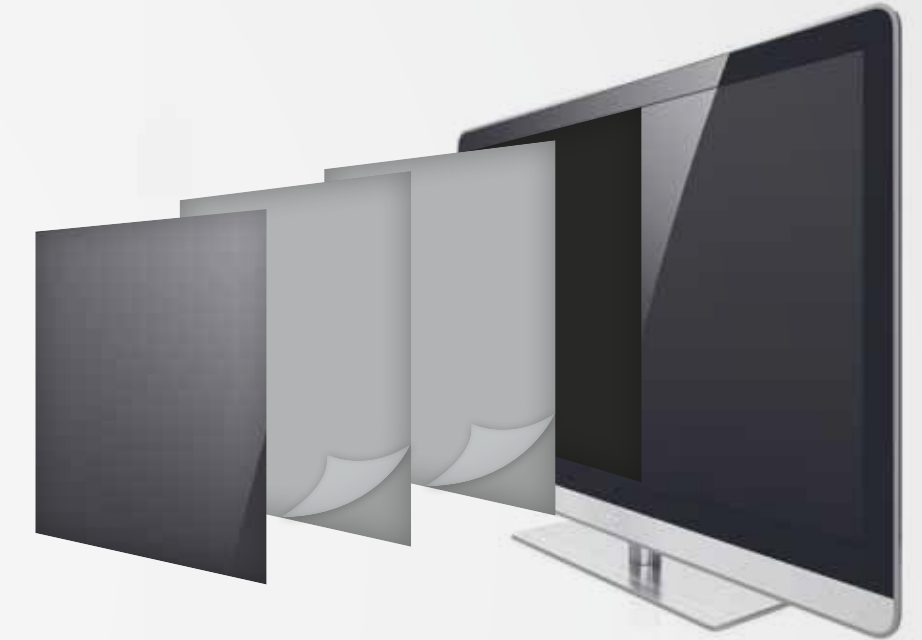
Substrate film

Adhesive



ELECTRONICS

We have developed high-quality adhesive-free and adhesive-coated, extremely pure (with low specking) films which can be peeled off completely without residues for particularly sensitive electronic equipment components. They are used to protect the functional units of screens, mobile telephones or tablet computers, for example.



GLASS AND MIRRORS

If required, our special protective films for window panes are able to withstand extreme weather conditions but still leave no residues behind when they are removed. We can also offer you a corresponding solution for high-quality films which are in permanent use. Just one example: splinter protection films on the rear side of mirrors meet high safety requirements.

SPECIAL APPLICATION AREAS

Our special films are also put to use in many other industries. For example, we produce special liners for „differential release“, thermal lamination films for composite panels and application tapes for the textile industry.

INDIVIDUAL APPLICATIONS – OUR COMPETENCE

We demonstrate our competence in the field of surface protection films in diverse industries. Both regionally and internationally operating producers place their trust in B+K's film know-how. Tell us what you want to protect and we will supply the appropriate film – also in high-purity (with low specking) and completely residue-free form, e.g. for graphical and electronic equipment. Individual designs transform your film into an advertising or information medium. High-quality varnishes or special laminates ensure that the printed image remains abrasion-resistant and scratch-proof.

THANKS TO OUR SPECIAL KNOW-HOW,
WE KNOW WHICH FILM VARIANT IS SUITABLE.
WE ALSO KEEP AN EYE ON THE ASPECTS OF
SUSTAINABILITY AND SPARING USE OF RESOURCES.





Lengerich Konzell

France | Pont-Audemer

Middle East | Al-Khobar

UK | Telford

Polska | Walce



B+K SETS STANDARDS



With its cutting-edge **production, analysis and laboratory facilities**, B+K sets standards in the market. The outstanding quality of our products is achieved through the precise planning, careful checking and detailed documentation of each individual production phase. We became one of the first companies within the packaging industry to undergo certification according to DIN EN ISO 9000 back in 1990, since when we have complied with each of the latest standard revisions.

OUR COMPANY

Bischof + Klein is one of Europe's leading full-service suppliers of flexible plastic and plastic laminate packaging and technical films. Founded in 1892, the family-owned company is represented around the world by a strong network of production plants and sales offices.

Bischof + Klein employs cutting-edge technology plus creative and innovative ideas to produce tailored packaging and film solutions within all industrial branches. Bischof + Klein regards itself as a pioneer within the field of sustainable management: economic, ecological and socially responsible activities giving consideration to future generations are a matter of course for Bischof + Klein.

OUR INDUSTRIES:



Agriculture and horticulture



Chemicals and petrochemicals



Construction and housing



High-purity products



Hygiene



Metal



Foodstuffs industrial



Foodstuffs consumer



Specialities



Pet food



Detergents and cleaning materials



Active environmental protection has been a firm part of our corporate philosophy since 1985 and now makes up B+K's sustainability management system along with our economic and social activities. In 1987, we became one of the first companies in Germany to publish an environmental report. Since 1996, this has been constantly validated according to EMAS and has now become part of the annual sustainability report.

MACHINERY

The B+K-GROUP manufactures its products using state-of-the-art systems for mono/co-extrusion, gravure/flexographic printing, solvent-based/solvent-free lamination and coating as well as for extrusion lamination and coating. Thanks to highly-developed conversion technology and product-specific facilities for sealed, welded and adhesive designs, we are able to manufacture individual products according to customers' wishes. Our portfolio also includes packaging for high-purity products. These are produced in Lengerich under ISO class 5 clean room conditions.



A SELECTION OF OUR PRODUCTS:

CONVERTED PACKAGING | Block bottom bags | Liners | Open sacks | Side gusseted valve sacks | Stand up pouches | Wicketed bags/Value Packs | Stratapac™ | U-Pack® side gusseted bags | Cross bottom valve sacks

CLEANFLEX® CLEAN ROOM PACKAGING | CleanFlex® barrier bags | CleanFlex® bag systems | CleanFlex® containment systems | CleanFlex® films and laminates | CleanFlex® gloves | CleanFlex® header bags | CleanFlex® bottle-shaped bags | CleanFlex® Tyvek®/HDPE bags

MATERIAL ON REELS/FILMS FOR AUTOMATIC FILLING MACHINES | KoBarFlex® barrier films | EloFlex® elongated films | Label films | Collation shrink films | FFS films | LidFlex peel films | Pallet protection films | Powerwrap bale wrapping films | Laminates

TECHNICAL FILMS | Heat-bonded films | Surface protection films | Technical laminates

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