



# Lengerich Konzell

France | Pont-Audemer

Middle East | Al-Khobar

UK | Telford

Polska | Walce



WE ARE FLEXIBLES

**B+K**  
BISCHOF + KLEIN

## 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.



**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.



## 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

## 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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**SmartFlex®**

THE INNOVATIVE PACKAGING SOLUTION WITH MAXIMUM EFFICIENCY

www.bk-international.com

## THE STABLE HIGH PERFORMER

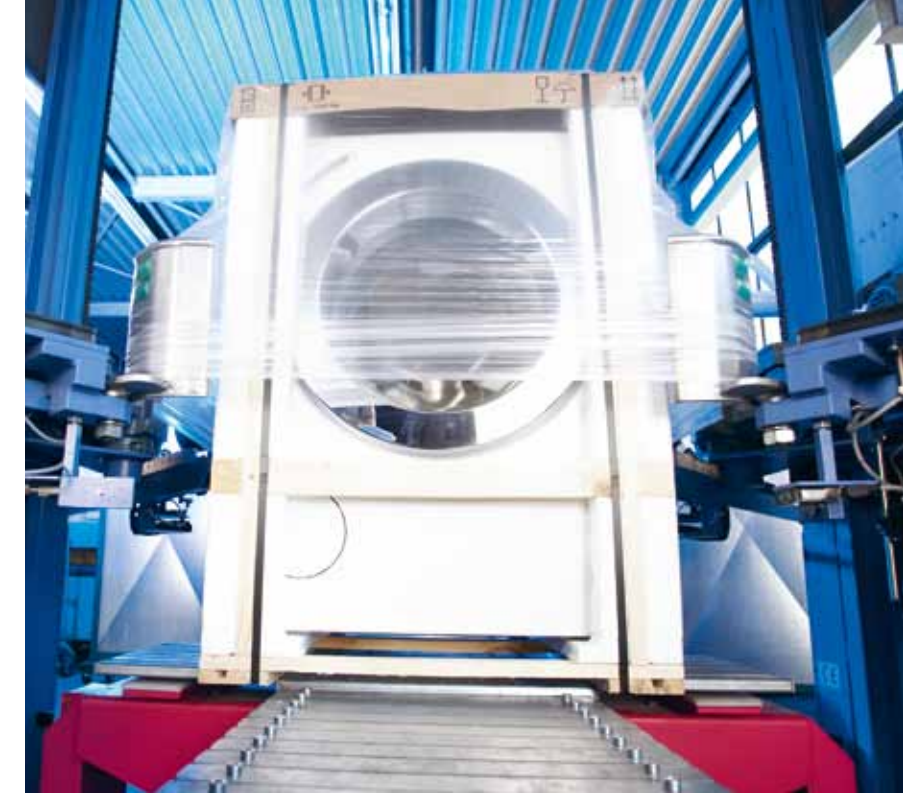
With its innovative SmartFlex® stretch hood film, B+K offers the ideal solution for palletised goods, reliably protecting your products from environmental influences during transportation and storage. Individual raw material combinations in conjunction with our cutting-edge manufacturing lines enable the production of cost-efficient film variants which make sparing use of resources. These offer precisely the performance factors required by your application.

### SMARTFLEX® – B+K KNOW-HOW FOR THE MOST DEMANDING REQUIREMENTS

- High elasticity with maximum stability
- Maximum retention forces
- Optimum dart impact and tear resistance
- Excellent display effect
- One film format can be used for several pallet sizes
- With optional UV protection and/or UV barrier
- Perforation possible
- No adhesion to PE plastic films
- Also suitable for packaging goods which are heat-sensitive
- No gas consumption
- No risk of fire
- Low energy consumption
- Tamper protection
- Can be optionally printed and coloured
- Dust and weather protection

### OPTIMAL FOR WHITE GOODS

White goods require particular transportation protection to reach the end customer unharmed. SmartFlex® is the ideal solution for these valuable contents: thanks to the display effect of the transparent film, the transporter and recipient can see the contents even when packaged. These domestic appliances can be presented in the original packaging at the point of sale and can be handed over to the customer without renewed packaging. Packaging and disposal are less laborious and also less expensive than cardboard packaging.



### FLEXIBLE ON ANY LINE

Continuous and trusting co-operation between raw material producers, machine manufacturers, our customers and our development department is a basic prerequisite for meeting our standards of quality. Based on this forward-looking co-operation, we develop innovative and highly-functional solutions which are always state-of-the-art and meet customers' individual requirements.



B+K OFFERS INDIVIDUAL SOLUTIONS DEPENDING ON CUSTOMER REQUIREMENTS.



### EXTREME CONDITIONS, CONSTANT SAFETY

During transportation, the load has to be secured so that it is prevented from slipping or toppling over. The use of SmartFlex® for securing pallets makes a significant contribution towards increased safety during road transport thanks to the films' extraordinarily high dart impact and tear resistance, their specifically co-ordinated retention forces and their resistance to weathering.



### SUSTAINABILITY IS OUR PRINCIPLE

SmartFlex® stretch hood films actively contribute towards environmental protection. Resource consumption can be significantly reduced in comparison with heavy duty shrink films because the effective weight per packaging unit can be lowered by up to 50 % thanks to the decreased volume of film and reduced film thickness. As no energy is required for the shrinking process, this too equates to the use of fewer resources and optimised energy costs. The films themselves are kind to the environment and make sparing use of resources as they are completely recyclable.



ENERGY-SAVING



RECYCLABLE



GENTLE ON RESOURCES



LIGHTER



Transportation protection, dust protection, tamper protection – top performance for all requirements



SmartFlex® stretch hood films precisely enclose the contours of the product and pallet



Outstandingly suitable even for sharp-edged products