



# Lengerich Konzell

France | Pont-Audemer

Middle East | Al-Khobar

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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.

Food safety and hygiene aspects are integrated into B+K's QM system: our products are carefully manufactured according to the regulations of the product liability legislation and "Good Manufacturing Practice" in line with the GMP ordinance in terms of commodities law for foodstuff packaging. Certification according to the DIN EN 15593 standard ensures the hygiene boundary conditions required for this. Corresponding preventative measures have been implemented on the basis of a risk analysis.



**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.



B+K/10/2015

## 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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## FOODSTUFFS / INDUSTRIAL

SECURE AND EFFICIENT PACKAGING



www.bk-international.com

## INTELLIGENT SOLUTIONS FOR THE HIGHEST OF STANDARDS

Absolute competence is required to manufacture and process industrial foodstuffs. High product quality and food safety standards have to be met and extensive legal regulations adhered to. Safety can only be ensured for the end consumer in this way. Your products are optimally protected with individual B+K packaging solutions.

There is a further challenge in addition to the particular safety requirements in the foodstuffs sector: legal regulations, ordinances and guidelines are subject to constant change. We keep an eye on these developments and quickly react to these requirements.

Starch, flour, sugar and artificial sweeteners, baking agents and baking ingredients, powdered milk, additives plus spices or spice mixtures – all of these have to be packaged under clean conditions, transported securely, stored for long periods and resealed if required. B+K offers individual packaging solutions for this wide range of products with highly divergent properties and intended applications.

We regard ourselves as competent partners and advisors due to

- long-term experience in very different markets and market segments,
- our in-house research and development department and
- close co-operation with our customers and machine manufacturers.

### FORM-FILL-SEAL (FFS) – IDEAL FOR FLOWING PRODUCTS

FFS films have proved invaluable due to their excellent machine runability in the major bulk materials filling industry. The film tubes enable high filling speeds and replace packaging processes with pre-converted sacks which require high staffing levels. In the form of tube or flat film on reels, they can be processed on all conventional FFS machines to form diverse packaging variants. With special applications for ventilation, they help to ensure that air is able to escape from the product even during packaging, enabling optimal container palleting.

### HIGHLY-DEVELOPED FILM TECHNOLOGY

On our own in-house extrusion lines, our experts develop special film recipes which ensure optimum operating behaviour on your filling lines. Blown and cast film extruders for single and multi-ply films form the basis of highly-developed packaging solutions. The films' mechanical characteristics are adapted to your packaging and filling lines down to the very last detail. Amongst other aspects, your production process benefits directly from this due to increased cycle times and lower sealing temperatures. These highly converted films reliably and constantly protect your products thanks to improved perforation strength and optimised barrier properties.

Flexible plastic packaging is becoming increasingly important in the foodstuffs industry – by no means least due to its simple, segregated disposal. Its advantages in comparison with paper packaging are so convincing that we are concentrating fully on this packaging solution. With our many years of know-how, we always develop the optimal packaging solution for your highly sensitive product.

Irrespective of whether they are single- or multi-ply: the protective functions offered by our films are extensive. Moisture has as little effect on the contents as impacts with blunt or even pointed objects.

Intelligent solutions such as e.g. two-ply, separable packaging offer protection against any contamination during transportation: after filling, the inner sack is sealed via the outer sack with the aid of a special closure.

### EXTENSIVE PROTECTION FUNCTION AND CONTAMINATION PREVENTION

Thanks to simple handling, the user is able to simply tear open the outer sack using the perforation and remove the inner sack without the risk of contaminating the product. The inner and outer layers can be individually dyed and printed.

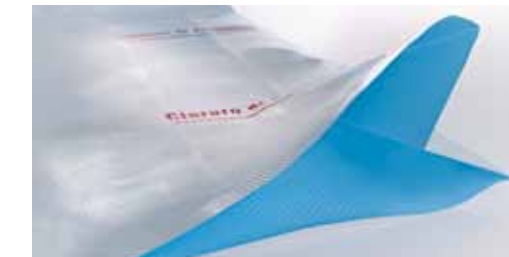


### OPTIMAL HANDLING

Incidentally, we not only give thought to your products – we would also like to make handling our packaging as easy as possible for you and your customers. On request, we can equip packaging with special applications which significantly simplify e.g. transportation, opening or resealing. Valve openings, easy opening perforations, sliders or zippers are just a few of our diverse convenience options which we would be delighted to individually co-ordinate with your working processes with you. Of course, we can also precisely print your packaging in brilliant colours. State-of-the-art gravure and flexographic printing presses are ready and waiting for this.



### SECURITY THROUGH BLUE PE PACKAGING FILM



Additional security is offered by the use of dyed PE packaging films, some of which are also available as variants dyed in two colours. If parts of the packaging enter the food production process, they can be identified much more easily than paper fibres.



### CLEANFLEX® PRODUCT LINE

High-purity packaging is increasingly in demand for the industrial foodstuffs sector. B+K is able to score points here with its CleanFlex® product line. A variety of packaging and film solutions are produced based on the requirements of clean room class 5 according to DIN EN ISO 146441 at rest. Right up to the moment at which they are unpacked, your foodstuffs retain the degree of purity with which they were packaged thanks to our low-germ and low-particle films.

