



Focusing on your needs

Hygienic closure systems – from a modular structure to individual designs.





What connects us? A passion for closure systems that offer the best functionality in every situation.

You manufacture baby diapers or incontinence briefs; we supply the right closure system. Whether a modular system or tailor-made, whether self-adhesive or mechanically closing – as one of the leading manufacturers with international production plants and a global sales network, we are there for you – worldwide.

With more than 40 years of experience. With development know-how, DIN-certified processes and a sustainable production. And with highly motivated employees who are dedicated to finding the best possible solution for you.

Precision is the key to success

More process reliability, cost-effectiveness and wearing comfort thanks to sophisticated products.

What are your demands on closure systems? Do you want to increase process reliability in order to be able to produce more economically? Are you looking for the perfect fit for your diaper with the aid of excellent elasticity? Or do you want to benefit from modular closure solutions that can be integrated into your production process with

a low deployment threshold? Questions that are not only of concern to you, but also to us: We would like to support you with modern and innovative closure systems that fit perfectly to your intended application.



We are only satisfied when you are.

Our closure systems withstand high mechanical loads and can be re-fastened without problem. They are flexible, skin-friendly and possess reliable retaining properties. So that you are satisfied with your product. And the quality of life of your products' users worldwide is increased.

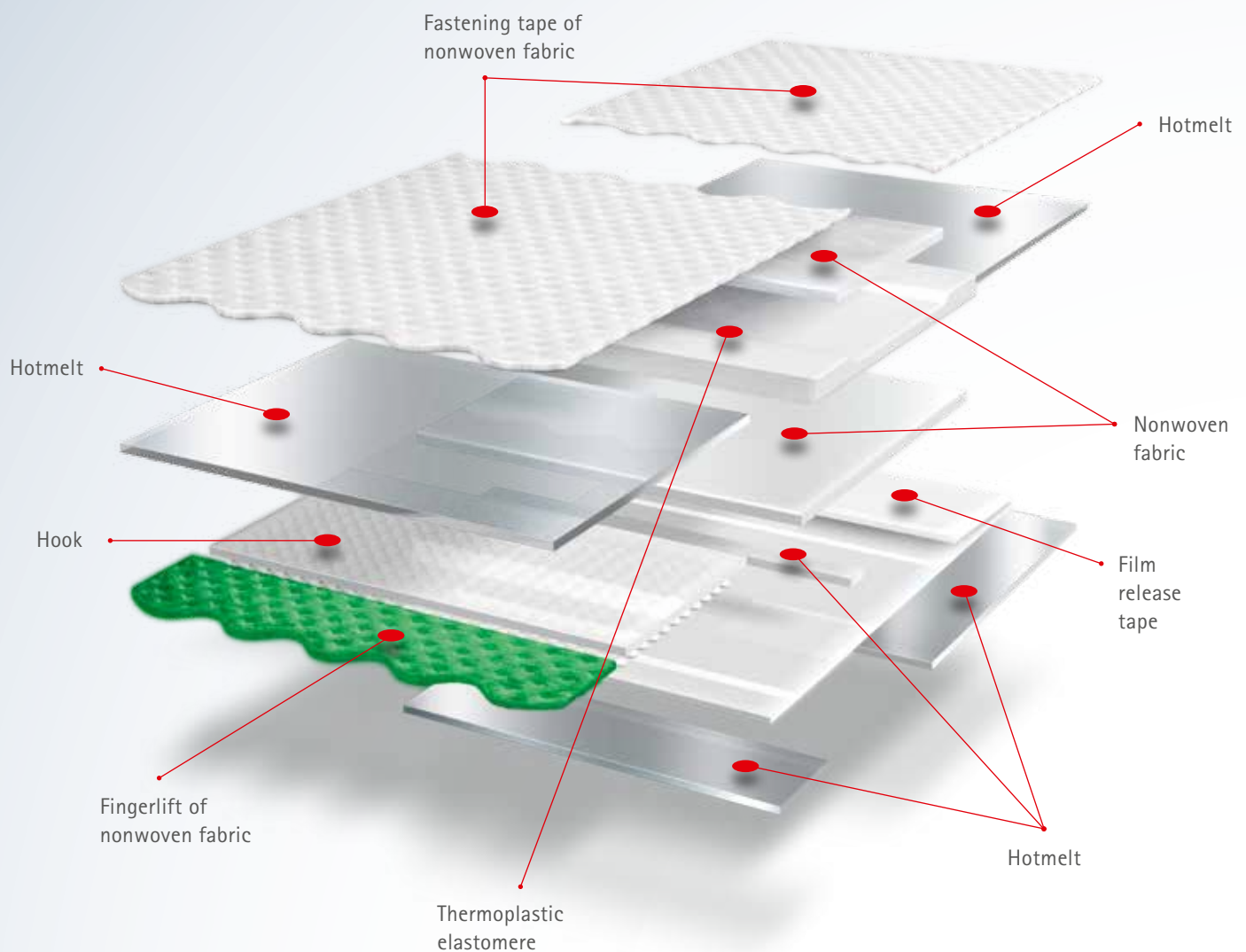


The path to your high-tech solution

In four process steps to a closure system perfectly adapted to your needs.

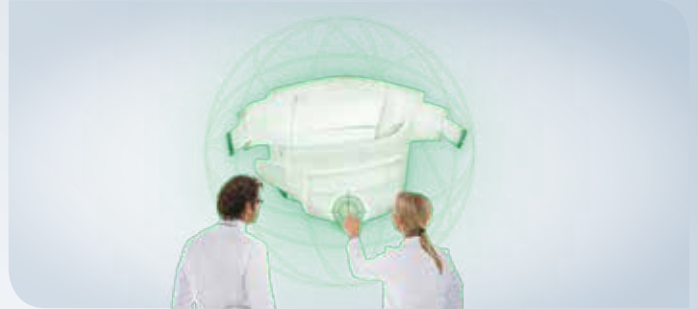
Many ways can lead to the right product. Our approach is very simple: In order to find the right connection, we first connect with you – and listen to you very carefully. Because we do not regard ourselves simply as a supplier. We see ourselves as an active partner who

works together with you to develop a closure system that fits perfectly to your needs. Regardless whether it is a modular or individual solution.



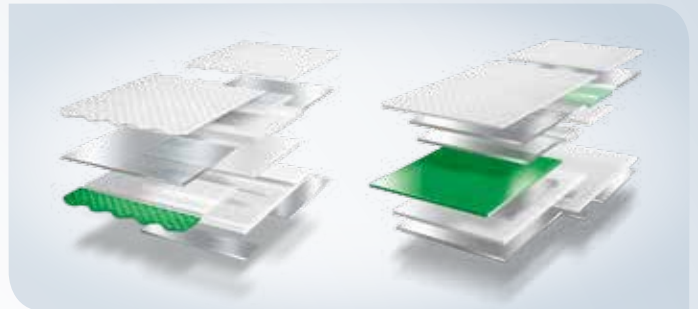
Application

The starting point for each closure system is the detailed knowledge of the concrete application. This is where the experience and know-how of our product development pay off. We will show you the possibilities and alternatives of product components and product values and define the technical design of your choice jointly with you.



Products

Basing on the knowledge of your specific requirements, we will find the right product for you with the required and necessary parameters.



Tools

Essential for an efficient closure system is the perfect integration into your production process. Our competent contacts support you with advice and assistance, including the globally available technical service at your own location, so that your new product runs efficiently on your machine.



Services

We are at your disposal at all times as the point of contact and offer numerous services. Starting with the maintenance of a consignment stock, via EDI services to safety stocks for maximum flexibility.

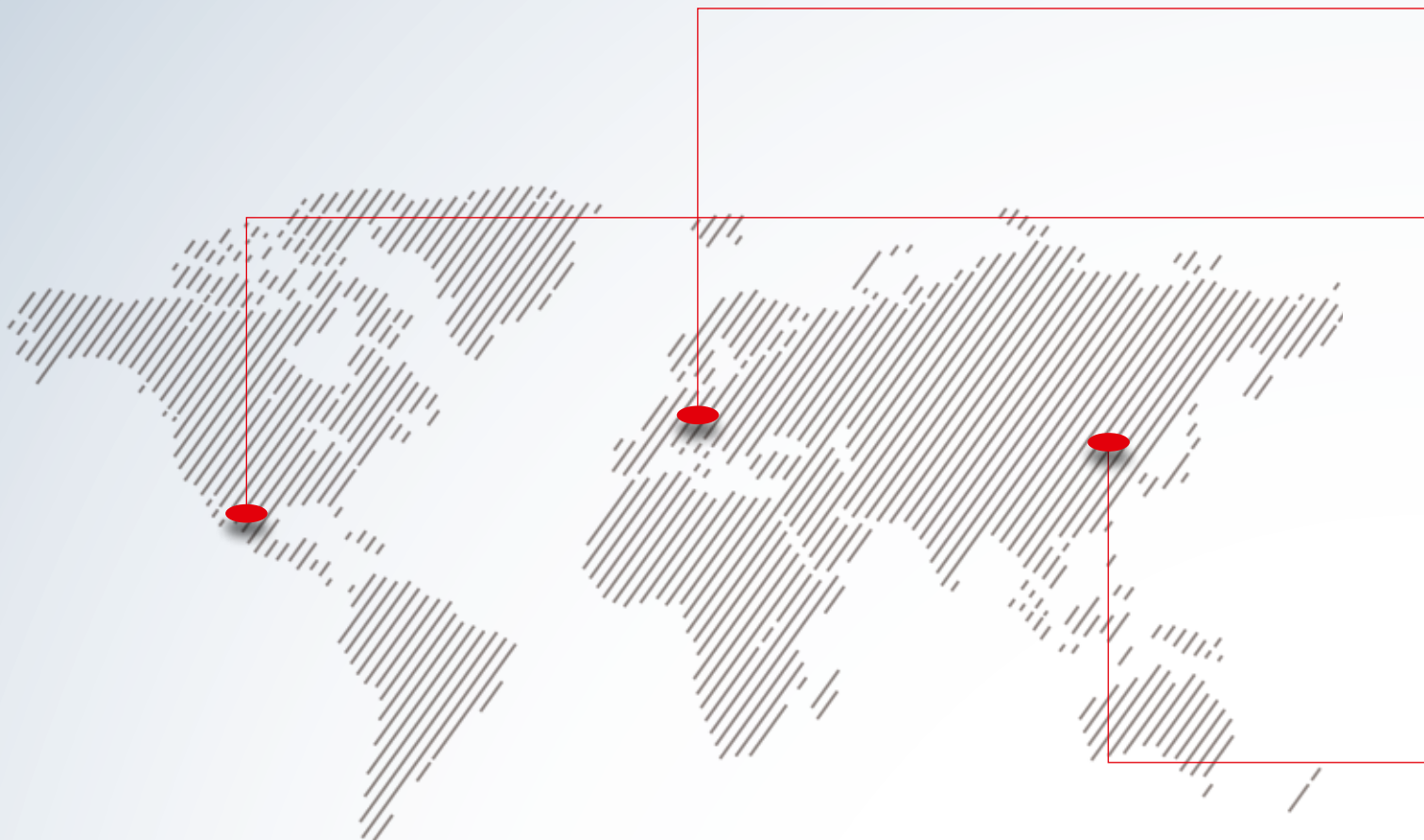


Global competence

With international production plants and a worldwide distribution network, we are present in all markets.

We think globally and act locally. You will benefit from the technical support and advice, which is available to you on the spot. At our locations in Altendorf (Germany), Guadalajara (Mexico) and Tianjin (China), around 590 highly qualified employees work daily to produce perfect products for you by means of state-of-the-art

production processes. And to ensure that they are deliverable globally by adapting them to the individual regional market requirements. It is this close proximity to the customer that has made us one of the world's leading manufacturers of hygienic closure systems.



The main location in Altendorf, Germany

The main location Altendorf serves the regions of Europe, the Near East and Africa. Apart from the production of our global portfolio, our core business lies in elastic products, mechanical tapes and elastic laminates. We also advise and support our global subsidiaries on specific topics – an efficient mix of sales, development and support.

- Serving the regions of Europe, the Near East and Africa
- Certified according to DIN EN ISO 50001:2011, DIN EN ISO 9001:2008 and DIN EN ISO 14001:2009



The production plant in Guadalajara, Mexico

Originally established as a subsidiary for sales support, we have been developing self-adhesive closure systems for baby diapers and adult incontinence briefs in Mexico since 2006. In 2010 the production of combined mechanical closure systems was added. Thanks to its central position, customers from all parts of the Americas benefit from local security stocks and short delivery times. Investments in a state-of-the-art machine park and a sophisticated test laboratory make Lohmann-koester Mexico an ideal partner when it comes to tailor-made solutions.

- Serving the regions of North, Central, Latin America and the Caribbean
- Certified according to DIN EN ISO 9001:2008



The production plant in Tianjin, China

In order to cope with the strong market growth in Asia and the Pacific, the site, which was founded in 2006, was ultimately expanded to include the production facility for hygienic closure systems. The core competencies lie in the coating and laminating of nonwovens, as well as the coating of technical and adhesive tapes, in the high-precision cutting of different materials and in the cross-winding of different carrier materials. With a state-of-the-art production line, Lohmann-koester China is in a position to develop tailor-made solutions of all kinds.

- Servicing the regions of Asia and the Pacific



What distinguishes us

Highly motivated employees, certified processes and a sustainable production.

With our closure systems, we orient ourselves on the highest production standards. Also in our corporate conduct, we are aware of the great responsibility we bear. This already starts with the choice of our partners. We work with companies that produce environmentally friendly products and adhere to the highest hygiene and safety standards. We mainly use solvent-free and siliconized carrier materials as well as environmentally friendly adhesives.

Experienced experts work every day to support you with their know-how. With great passion, innovative power and efficient quality management, which have met the highest international standards since 1996. Since we started with the production of hygienic closure systems more than 40 years ago, we know that only uncompromising quality has a future.



Compliant with the quality and environmental management system, Lohmann-koester is certified according to DIN EN ISO 50001:2011, DIN EN ISO 9001:2008 and DIN EN ISO 14001:2009.



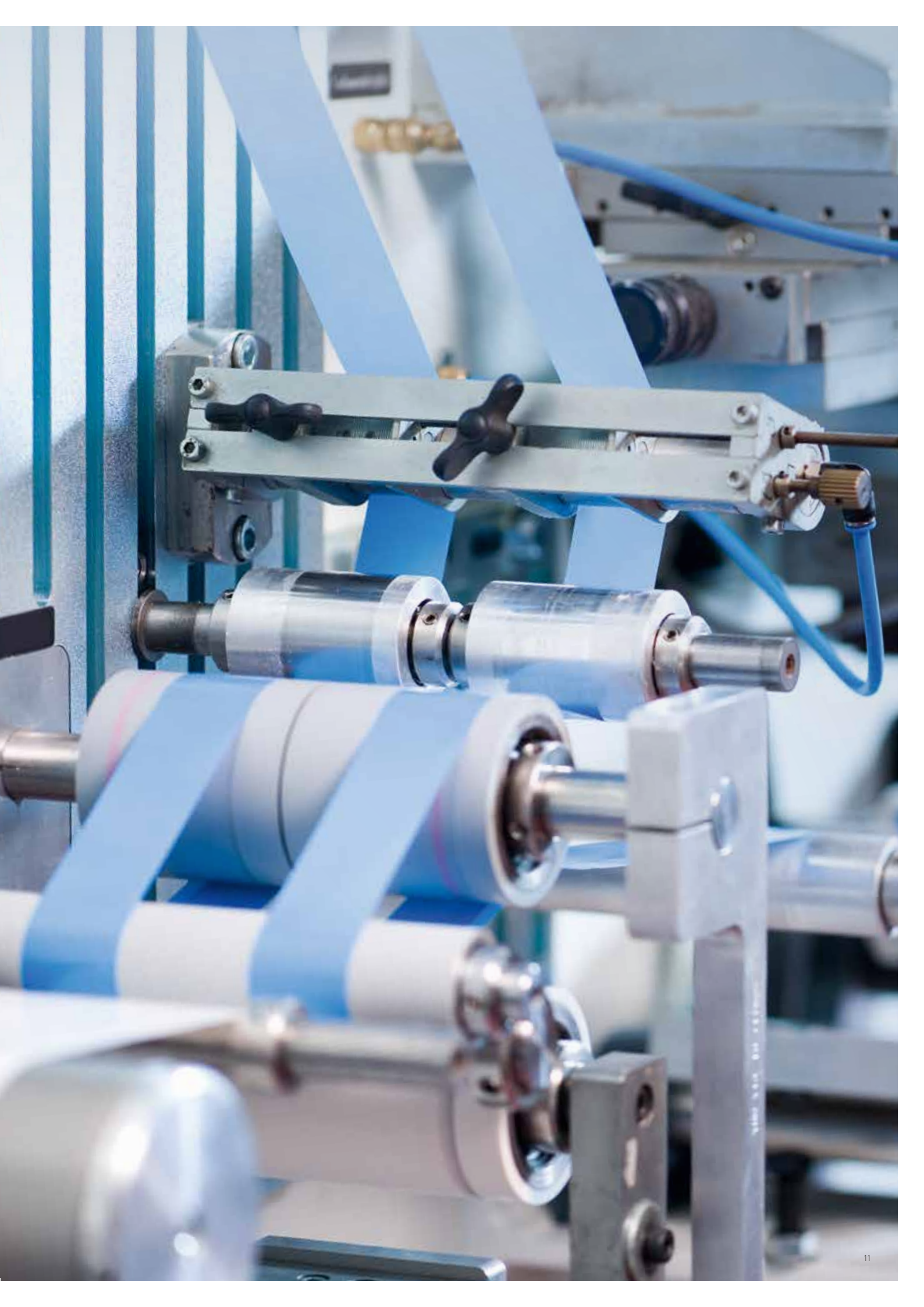
The dedication of our experts ultimately results in a positive effect on the quality of your products.



Internal training programs continually expand the expertise and competence of our employees.



State-of-the-art machines and extensive testing procedures at each of our production plants guarantee a consistent product quality.



Our product portfolio

Perfectly engineered, versatile and proven in practice.

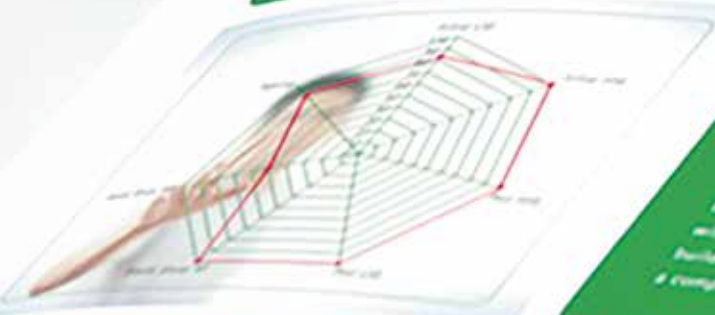
Our modular closure systems guarantee optimal functionality in all situations. They have been tried and tested for years and keep their promise in every application. From elastic and comfortable diaper side panels with soft nonwoven straps as well as the matching Mini Tapes for baby diapers, to multi-layered solutions, with or without

elastic materials for incontinence briefs. Innovative, of the highest quality and made from the best raw materials: Our extensive and modular product portfolio in the field of baby diapers and incontinence briefs allows you to perfectly cover all areas of application.

...TION IS THE ONE THAT MEETS THE
...PLICATION. AND HOW DO WE FIND IT?
...ING YOU FROM THE INITIAL IDEA
...ATION IN YOUR PROCESS. OUR
...ART BONDING APPROACH.

Application

...of the prerequisites for the perfect adhesive
...to be used exactly how, where and under what
...it will be used. For example, does it have
...conditions, conductive, tolerance compensating or
...to be particularly durable, resistance compensating or
...possible? This is where the experience and expertise
...of our application engineers come to the fore. They show
...what's possible and work with you to specify
...and present technical proposals to the adhesive solution.



Product choice

Aimed with detailed knowledge of the specific bond
...task, we then turn to finding the right adhesive solution
...with the desired properties. To achieve this goal we either
...build an existing product or, when needed, develop
...a completely new solution.

Tools

An adhesive solution is only as good as its ability to be
...used safely and efficiently in the production process.
...we support you in this regard with countless tools and
...also help with the direct engineering. From manual,
...special fully-automatic dispensing sets and precision cutting
...equipment to pick & place solutions, we are always ready
...to assist.



Closure systems for baby diapers

When discovering new territories, the tiniest tots are the greatest explorers. With curiosity and a thirst for action, the challenge is to explore their own agility and mobility every day. Good that the diapers fit exactly so that nothing goes astray – and at the same time remain flexible enough to accompany every one of baby's movement "at close range".

With our innovative developments for diaper closures, putting on the diaper becomes child's play. Thanks to FlexEar® the diaper side panels can be particularly widely stretched. In order to close them as best as possible, the Flex Hook® Lines are available with a sophisticated hook strip geometry.

And with our elastic and non-elastic mechanical tapes, we offer you optimal closure systems with soft nonwoven straps. For babies with the urge to explore, and those who want the newest developments on the market that are nonetheless tried and tested. Its simply Lohmann-koester's know-how.



Adhesive closure systems

- High functionality on all film frontal tapes
- 2-layer



Mechanical closure systems

- Elastic and non-elastic mechanical tapes, 1- and 2-layers, with matching frontal tape
- A soft nonwoven carrier and a perfect hooking function with the aid of Flex Hook® Lines



FlexEar® – Elastic side panels

- Elastic side panels for baby diapers and pull-ups including Mini Tapes
- Highest elasticity
- Unique retractive force
- Exceptional softness



Closure systems for incontinence briefs

Those who wish to enjoy freedom of movement and maintain their social contacts well into their old age naturally do not want to be hindered by physical restrictions. This places particular demands on incontinence briefs. Reliable retaining properties, easy handling and problem-free reclosability are the first priorities on the list of requirements.

Our closure technologies Flex Hook® Lines, adhesive and mechanical tapes as well as our Combi Tapes ensure this. With tailor-made incontinence closure systems for various target groups and application areas.



Adhesive closure systems

- High functionality on PE backsheets
- 2- and 3-layers



Mechanical closure systems and Combi Tapes

- Elastic and non-elastic tapes, 2- and 3-layers
- Soft nonwoven straps and a perfect hooking function by means of the Flex Hook® Line
- Optimal closure possibilities with a combination of hook and adhesive zones

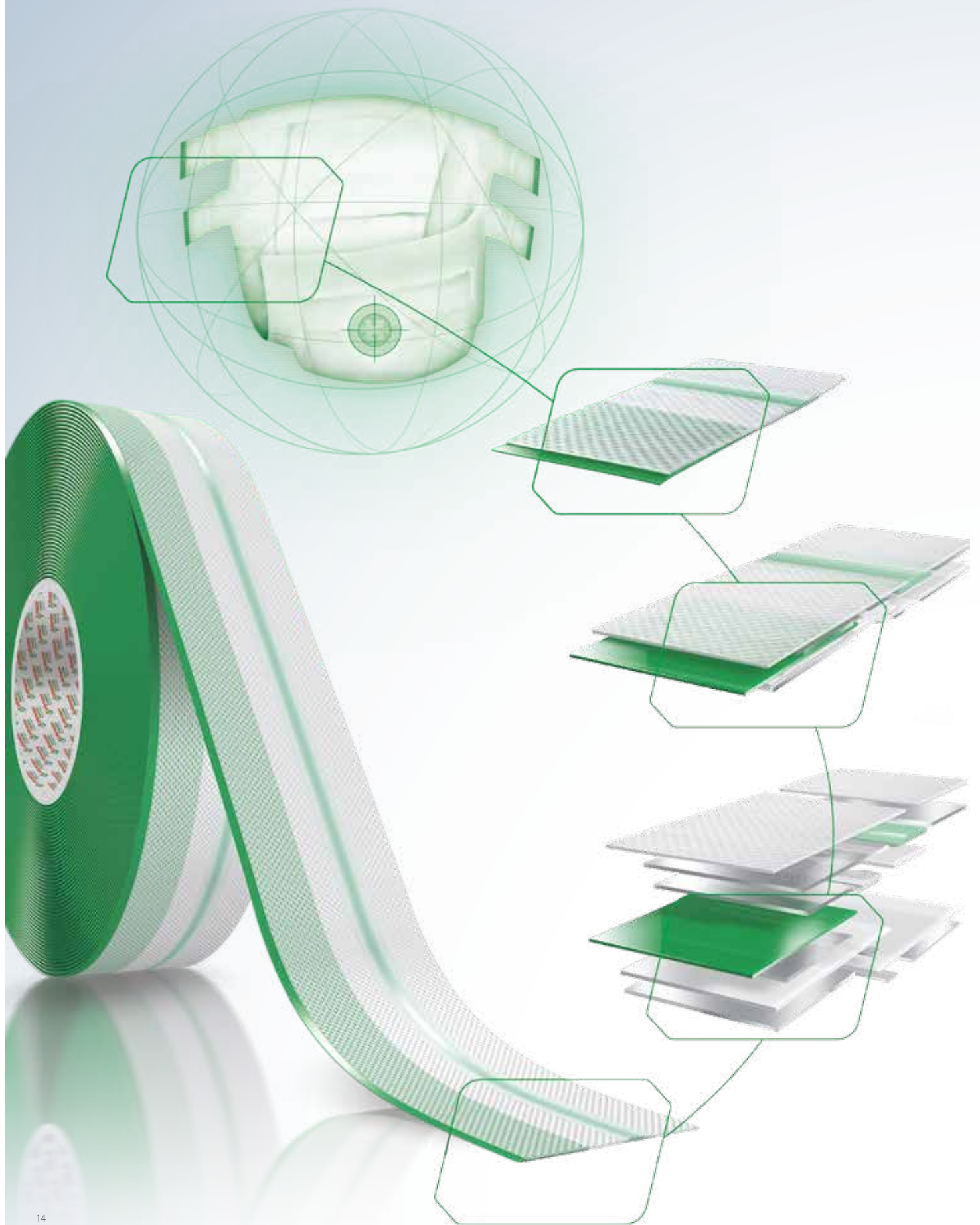


FlexEar® – Elastic side panels

- Elastic materials for diaper side panels, inserts and pull-ups
- Highest elasticity
- Unique retractive force
- Exceptional softness



Our individual solutions



We determine everything that the closure of your product must be able to do. And from the initial design to the finished closure system of the diaper, we find a solution that fits your individual product.



Hotmelt production



Coating



Lamination & Siliconization



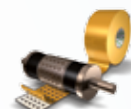
Testing & examination



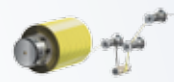
Extrusion



Conversion



Precise die-cutting



Cross-winding

Lohmann-koester offers you all competencies from a single source.

Your wish is our command – and you can take that literally: You will receive a completely tailor-made solution from us for your individual requirements. From the definition of your needs and demands to the ready, tailor-made closure system, we will be happy to provide you

with advice and assistance. And that, of course, also in-house. We are always at your side with all of our competencies, whether it comes to coating, laminating, extruding or the siliconization of sheets, papers, thermoplastic elastomers, nonwoven or foams.

There is only one best solution: The one that exactly fits your application. How do we find it?

By advising and supporting you.

From the initial idea to the integration into your process.

Our philosophy in three words:

Smart Bonding Approach.