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gecko®

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## ■ Customised fastening solutions: repositionable and reclosable

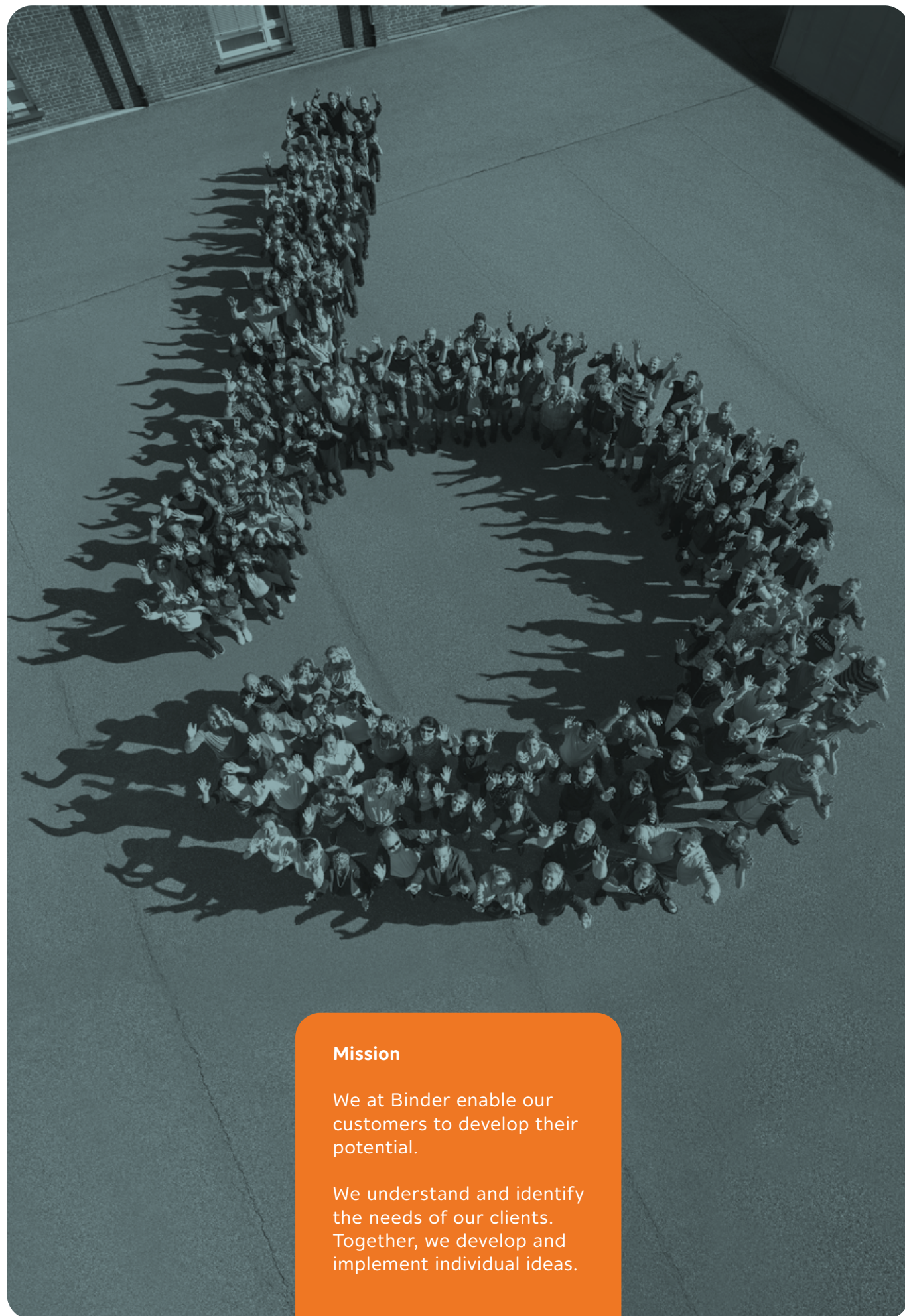
Gecko® – Nature couldn't do it any better

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#### Mission

We at Binder enable our customers to develop their potential.

We understand and identify the needs of our clients. Together, we develop and implement individual ideas.

## ■ Your success starts with our solutions

More than two centuries ago, in 1798, the impressive story of our family business began in Holzgerlingen, Germany. To this day, we at Binder are highly ingenious and we place great emphasis on quality and durability. We also have a certain penchant for perfection.

Our numerous developments and patents as well as our continuous search for innovative solutions are why we've risen to become a technology leader for high-tech fastener systems over the last two centuries. We are constantly expanding our innovative edge by relying on our own research and development and we collaborate with leading research institutes and universities. We develop and produce exclusively in Germany.

To us, our customers' tasks are an exciting challenge that we take on with a great deal of commitment, know-how and passion. Our goal is to enable companies in every industry to develop their potential with our fastening solutions and to differentiate themselves in the market.

” What started as a simple idea now opens up entirely new dimensions. We pride ourselves on meeting our customers' challenges with a diverse range of fastening solutions. Individual, tailor-made, for every industry.



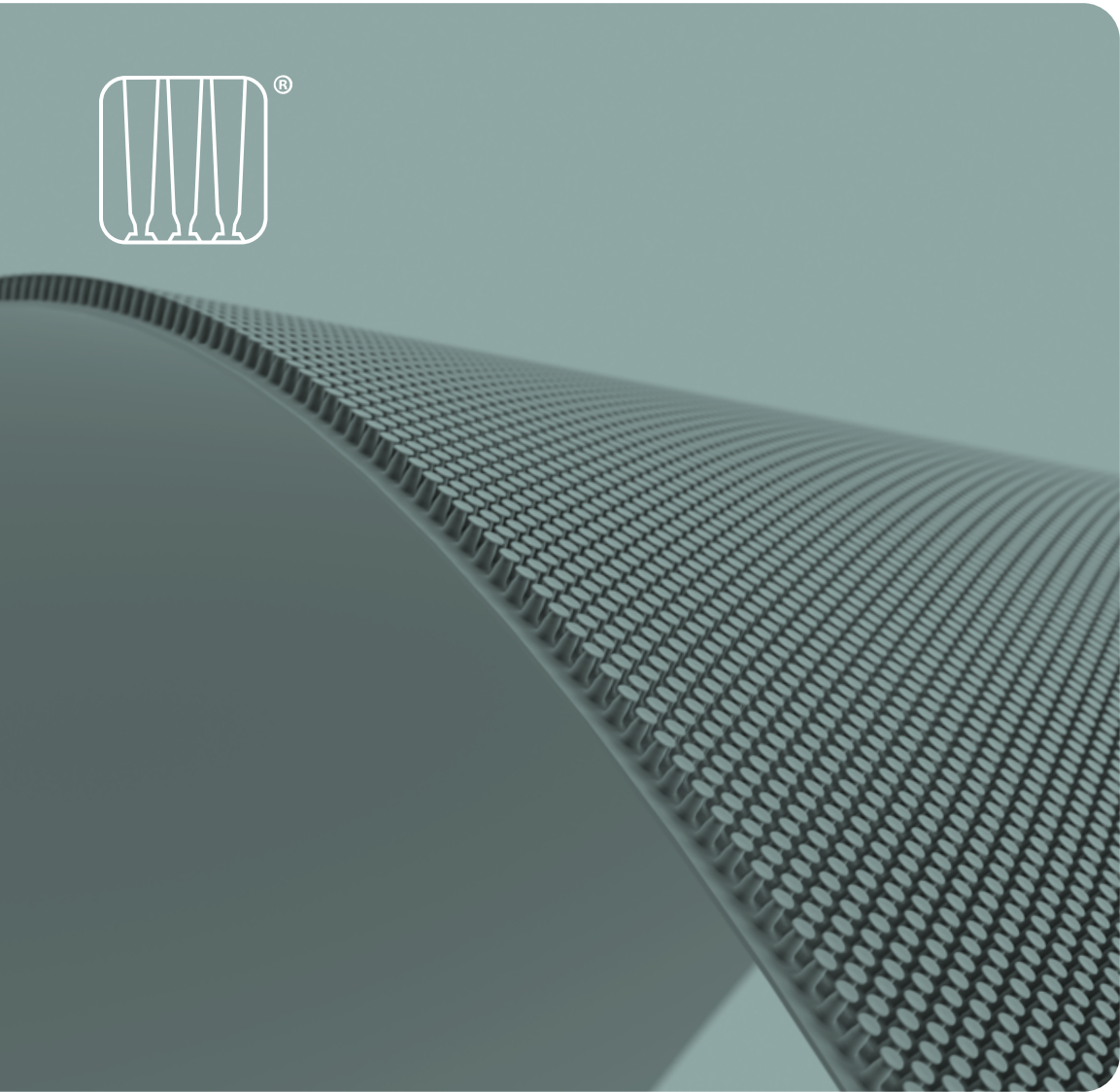
Patrick Geffers Managing Director



# Gecko® Tape

Inspired by nature and the result of intensive research: Our microstructured silicone film sticks to smooth surfaces like a gecko. The secret behind it: an extremely dense arrangement of 29,000 fastening elements per cm². Gecko® Tape holds securely without any counterpart and can be removed again without leaving any residue. This world novelty stays in your head – and not only there.

- Extremely high tensile and shear forces particularly on smooth, clean surfaces
- Extremely high number of opening and closing cycles
- Reusable: can be used as often as you like
- Requires no dedicated counterpart
- Instant full adhesive force
- Silicone material makes it highly resistant to external influences (UV rays, chemicals, etc.)
- Residue-free removal (no adhesive residue), no need for tools and solvents
- Easy to clean
- Temperature range -50 °C to 150 °C



Adhesive liner (brown)



Gecko liner (white)



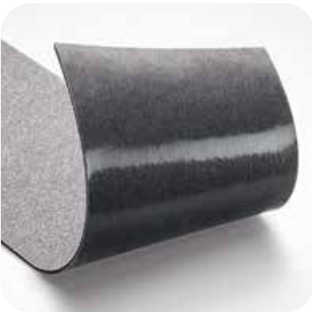
Gecko silicone (no finish)

# Gecko® for every situation

In order to expand the application potential of our Gecko® Tape to the maximum, we developed the Gecko® Plus and Gecko® Flex versions with additional features. The result: secure hold without glue or counterpart – and now even more universal in use. With these latest innovations, we have expanded our spectrum so that you can meet almost any challenge.

## Gecko® Plus

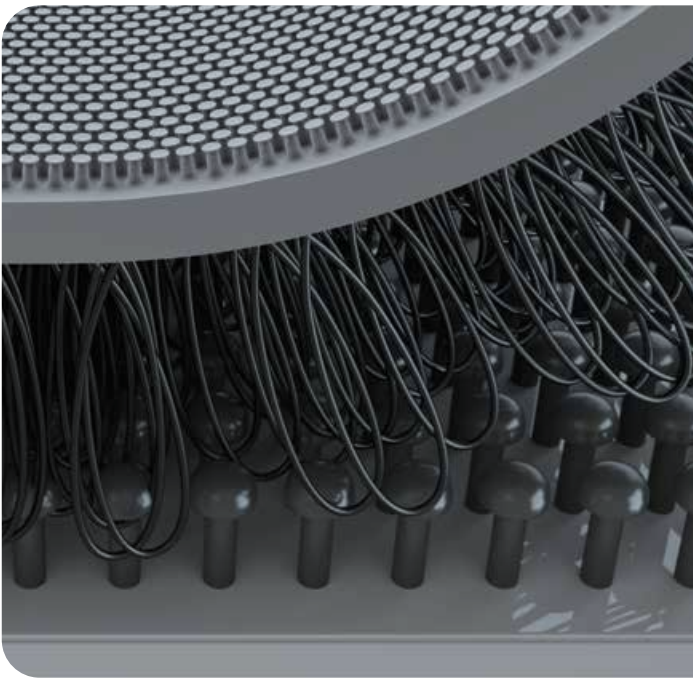
An adhesive power miracle based on nature: Gecko® Plus expertly adapts and adheres strongly, reliably and securely even to slightly rough, wavy and curved surfaces and components.



## Gecko® Flex

Ingenious problem solver: Gecko® Flex is an innovative solution for curved and cylindrical structures, offering complete flexibility due to its decoupled hook-and-loop design.

- Adapts to curved or domed surfaces
- Suitable for difficult and complex applications
- Two-component system: flexible attachment as the hook-and-loop can be decoupled





## ■ Gecko® Tape in use

The applications for Gecko® are manifold, whatever the industry. Wherever secure hold, frequent attaching and detaching or residue-free removal are required, you can rely on Gecko® Tape. Meeting customer and end user needs with unparalleled technology and advantages compared to other adhesive tape products. A small excerpt of possible areas of application:

### ■ Consumer electronics – dashcam fixation

A firm grip so the camera can record it all.

Gecko® Plus, Gecko® Flex



### ■ Consumer electronics – WiFi router and internet box

So nothing crashes when you're streaming.

Gecko® Tape, Gecko® Plus, Gecko® Flex



### ■ Consumer electronics – panels and flexible displays

Rigid yet flexible: It's possible!

Gecko® Tape, Gecko® Plus, Gecko® Flex



### ■ Medical – fixation of disposable products

Quality of life for patients.

Gecko® Tape



### ■ Other possible applications:

- Smart home devices
- Wearables (VR headset)
- Robotics and drones
- Luxury goods

## ■ The secret behind ...

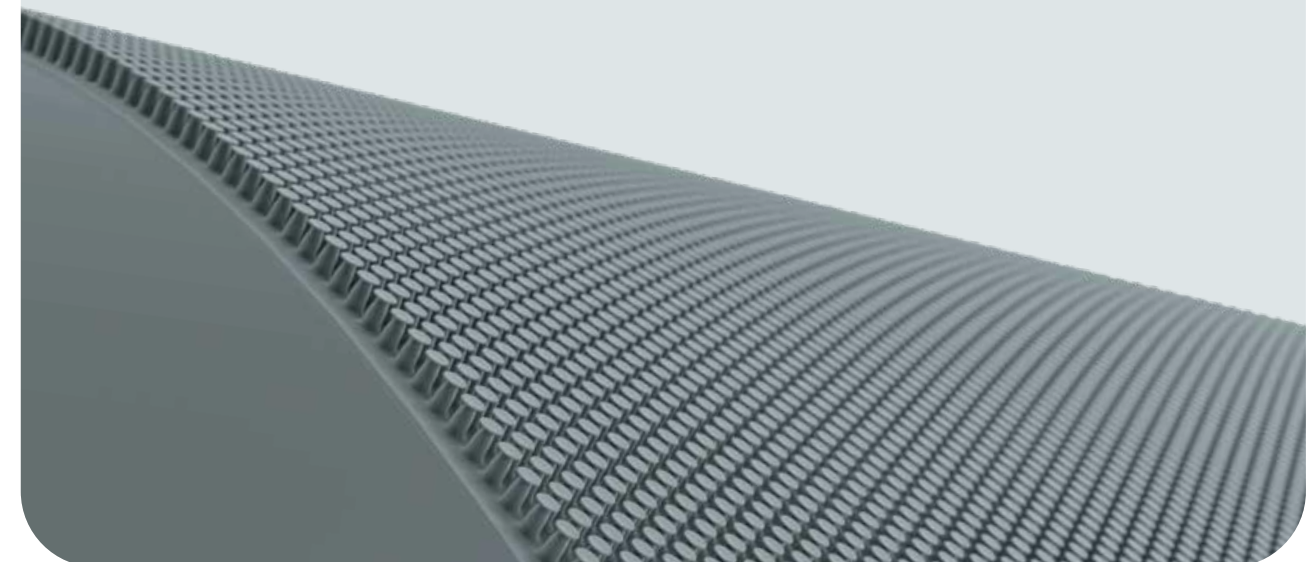


### Van der Waals forces

To be honest, it's not a secret. It's science. The Van der Waals forces ensure that Gecko® Tape sticks and can be removed without leaving any adhesive residue, many times and without loss of quality. This offers the unique advantage that Gecko® Tape can be repositioned and reused again and again, saving time and costs while at the same time contributing to sustainability.

### Reusable and repositionable

Gecko® Tape incorporates flexibility in its design, providing users with performance and reliability whilst being able to attach and detach the Gecko® solution many times (if required) without compromising performance. This gives the user an extremely unique and sustainable advantage with the ability to reposition and reuse the tape many times without the requirement for replacing material or being limited to one time usage, like many alternative adhesive tape products.



## Interested in Binder's Gecko® Tape?

Contact us for your Gecko® application.  
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