



**Engineering progress  
Enhancing lives**

## **Bike Solutions**

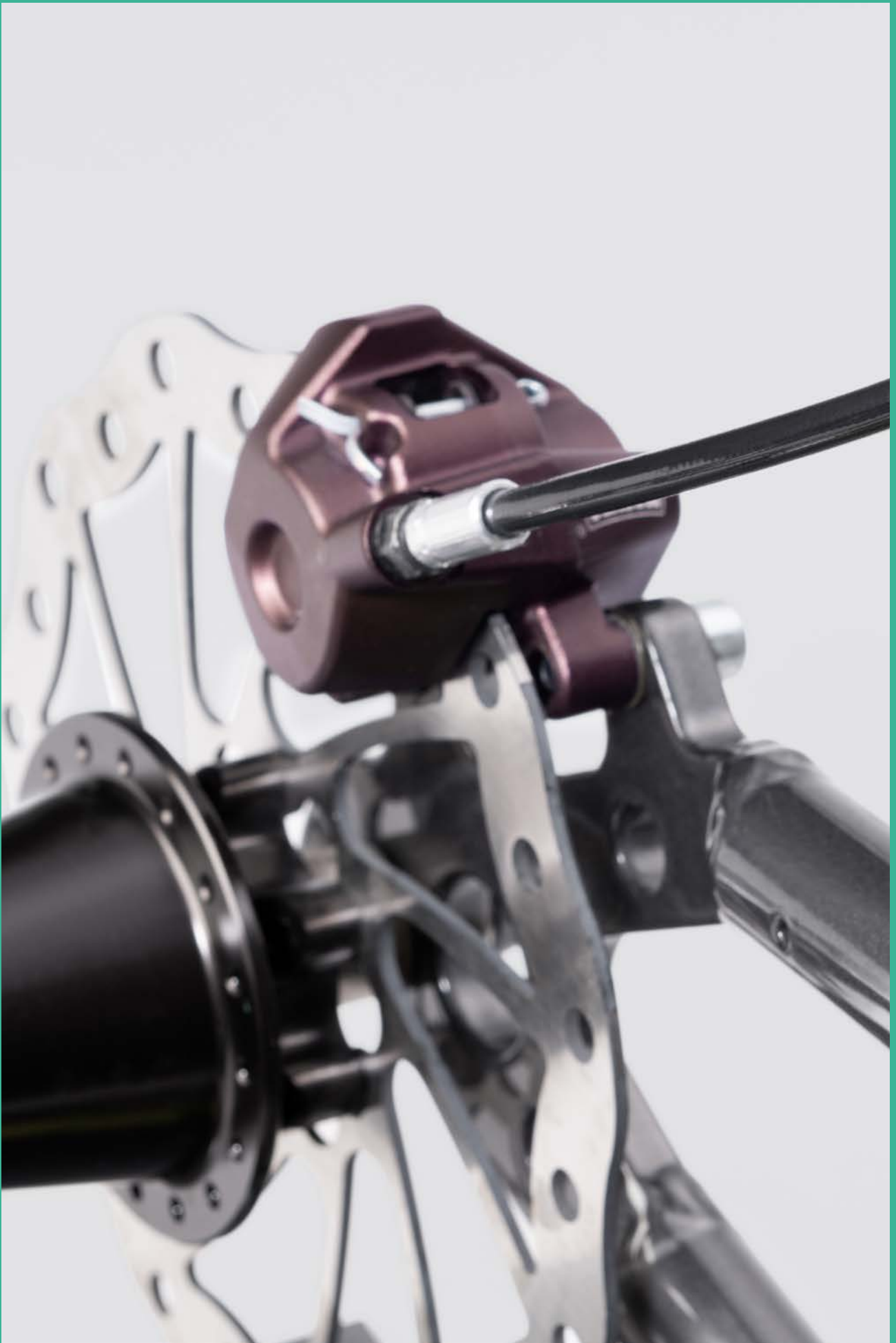
Quality and safety for brake systems.  
[www.rehau.com/bikesolutions](http://www.rehau.com/bikesolutions)



REHAU is an established development partner of brake manufacturers for bikes all around the world. We develop special hose solutions that satisfy the highest technical requirements for individual customers.

As a leading innovator in the bike brakes sector, we monitor the market carefully and base our product developments on current industry trends.





# More than just a hose

We can offer you a high degree of development know-how thanks to our many years of experience. Based on our technical expertise, we are happy to advise you and develop the perfect product to meet your requirements in conjunction with yourself.

For example, we are tackling increasing demands in terms of temperature and pressure resistance, changing installation conditions (as hose lines are increasingly located within the bike frame) and also measures to protect against vandalism.

Customer-specific design elements such as surface finish, colours and a wide variety of printing options complete our range of products.



## Industry expertise

REHAU is a partner of leading manufacturers worldwide.

## Extensive product portfolio

Hydraulic hoses ensure a unique brake feeling, protective ducts and empty tubes are the perfect companions.

## Highest quality standards

The most stringent production checks at the highest possible technical level guarantee maximum safety → brand quality made in Germany.





## Small component, highest demands



**Heavy loads.  
Extreme durability.**

Pressure resistance:  
burst pressure > 1,000 bar



**High temperatures.  
High level of safety.**

Temperature resistance:  
melting point up to 260°C  
(higher resistance available  
on request)



**Universal usability.**

Resistance to all standard  
brake fluids  
(DOT and mineral oil)



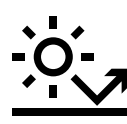
**Perfect match for  
every brand.**

Bespoke design and  
customer-specific printing



**Easy installation.**

Small dimensions  
possible (DN 1.8 to 2.5)



**Able to resist the weather  
in all climatic zones.**

High UV resistance and  
moisture diffusion up to  
max. 0.2%

# Hydraulic bike hose material mix

## Inner layer

Our high pressure layers offer outstanding resistance to all brake fluids, combined with the tightest possible production tolerances.

## Reinforcement

The specially designed reinforcement and optimised manufacturing processes mean that our brake hoses are guaranteed to impress with their minimal volume expansion and perfect brake feeling.

## Outer layer

The outer layer not only protects against external damage and the effects of the weather, it can also have an optional bespoke design and printing.





# Our Portfolio

## Hydraulic hoses

### Unique brake feeling.

Hydraulic hoses by REHAU ensure safety and good functionality in cargo bikes, city bikes or mountain bikes, as well as electric bikes. More than 50 million hydraulic brakes fitted with REHAU hoses are the proof.

We use standard or specialist raw materials, depending on the application. Our many years of materials expertise enable us to determine the perfect combination of raw material and yarn for the inner hose, reinforcement and outer layer.



## Protective sleeves & empty conduits

### The perfect addition.

Protective sleeves and empty conduits are primarily used for the protection or routing of pipes in the bike. Sleeves can be used to protect pipes like brake hoses from external factors (e.g. dirt, stone chips). This increases the service life, prevents wear and tear and therefore also improves safety.

Empty conduits enable easy, space-saving installation of pipes in the bike frame.



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