EXTRUSION. FABRICATION. MATERIAL VARIETY.
Hose systems for any and all applications
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Close to our customers
As a process specialist when it comes to the extrusion and fabrication of polymers, REHAU offers you a comprehensive range of high quality technical hoses for almost every field.

From chemistry through to process engineering and even marketing, you benefit from a network of hose specialists. We will design the perfect technical product for you and deliver it at the right time, to the right place and to the highest product quality.

As pneumatic lines in measurement and regulation technology, for bunching wiring harness in cars, as reinforced inner hoses under the sink or in the garden – you can find REHAU hoses everywhere.

Discover custom-designed formulations, product lines and services for any and all applications in industry or trade.

The silicone technology and technical trade sections have a cross-functional role across all programme areas.
MATERIAL SPECIALIST
Without REHAU, it’s just a synthetic material.

Not all hoses are alike. Our portfolio has the right hose for every pressure rating and every temperature. The selection is impressive – from insulating sleeves, heat-shrinkable tubing, hydraulic hoses and high-pressure hoses through to beverage and drinking water hoses, right up to spirally reinforced hoses and even diving hoses.

The range of properties is as varied as the materials themselves:

- Highly flexible
- Crystal-clear
- UV-resistant
- Chemical-resistant
- Abrasion-resistant
- Food-safe and drinking-water-safe
- Compliant with RoHS and REACH
- Temperature-flexible

- Flame-retardant
- Low smoke emission
- Halogen-free
- Highly thermally stable
- Non-toxic, toxicologically inert, environmentally friendly
- Long-lasting colour intensity

Low-pressure range
- Garden hoses
- Beverage and filling facility hoses
- Drinking water hoses
- Industrial hoses

Mid-pressure range
- Pneumatic hoses
- Cleaning hoses

High-pressure range
- High-pressure cleaning lines
- Comfort hydraulics hoses
- Tilt hydraulic hoses
- Mini hydraulic hoses
- Machine hydraulic hoses
Hoses are our element, and have been since the early 1950s. Step by step, we developed the building blocks of competence which allow us to constantly come up with new innovations. For any application. For any sector. For any market.

1949  
First non-reinforced gardening hose

1958  
Production of insulating tubing begins

1965  
Production of industrial and gardening hoses with pressure reinforcement begins

1977  
RAUSPIRAM range of spirally reinforced hoses begins
1986
Production of high-pressure hoses begins

1990
First PYTHON beverage hose, with SK certification

1995
Heat-shrinkable tubing range RAUCROSS DSC begins

2000
Production of comfort hydraulic hoses for convertible cars begins

2003
Diving hose production begins

2006
RAUAQUA, first drinking water hose certified by DVGW according to KTWA-A

2010
Fabrication of high-pressure hoses (140-160 bar) begins

2016
First garden hose with a fourth, PVC-free inner layer
Our comprehensive high-pressure cleaning range includes powerful, highly flexible and abrasion-resistant hosepipe solutions for any unheated cleaning equipment with pump pressure of 110-200 bar.
These hoses create pressure in the truest sense of the word. In the 1980s, our high-pressure cleaning hoses replaced traditional rubber hoses. The success story continued as the family of high-pressure hoses grew and grew. We deliver tens of millions of our products every year, amongst other to the world market leader.

We produce all of our hoses with kink protection and line fittings, which means they’re ready for immediate use. Fabricated hoses are also available by the metre in dimensions between DN 5 and DN 8.

Our portfolio also includes a comprehensive range of accessories such as extension lines and pipe-cleaning hoses.
What really distinguishes the comfort hydraulics is the flexibility and connection geometries that come from the unique material combination of polyamide and polyurethane.
THAT’S HOW IT WORKS!
Comfort hydraulics in convertible hoods, tailgates and recreational boats

Hydraulics is a key component in many new developments. That’s why we have whole packages of comfort hydraulics, to ensure comfort and functionality in even the smallest spaces in convertible hoods, tailgates and motor boats.

Over 300 different types of connection geometries

Inside the roof system itself, the comfort hydraulics ensure that hood and tailgate can be quickly and conveniently opened and closed with electro-hydraulics. They completely comply with all international automotive standards.

Sports and recreational boat-makers, too, count on “made in Rehau” custom-designed systems when it comes to steering components.

Can withstand over 1,000 bar of burst pressure
As well as miniature high-pressure hoses, REHAU can also supply unreinforced PA monotubes for high-quality pneumatic calliper breaks.
There’s no doubt about it, recent years have even seen cycling evolve from traditional hobby to endurance sport, with equipment increasing in complexity all the time. Most modern bicycles have hydraulic brakes, which achieve significantly faster, more controlled and more precise effects with even the lightest touch. REHAU is an established partner of the major players in the field all around the world. You can rely on these sophisticated line systems, whether cycling downhill, cross-country or across Alps.

Standards are high when it comes to small-bore high-pressure hoses, not least because of the enormous operating pressure of approx. 100 bar, comparable with the working pressure of a high-pressure cleaner. Because the brake disc can get extremely hot, the burst pressure is greater than 1,000 bar and can go up to 1,600 bar in special cases.

It is also worth mentioning the high degree of flexibility, contingent on the installation on the bicycle’s frame, as well as the minimal diffusion behaviour (barrier effect) and, of course, the hose’s oil resistance.

For each bicycle model approx. 2-3 m of high-pressure hose are used, with internal diameters of 2.0-2.5 mm and external diameters of 4.9-5.6 mm.
When developing diving hoses, REHAU calls on its core expertise from the construction of plants, machines and equipment, fulfilling both international standards and customer-specific requests.
They’re right at home in the world of high-pressure technology — medium-pressure hoses for diving. Special material formulations using polyurethane (RAU-PUR) mean that you can always rely on REHAU hoses, in every climate.

**ALWAYS ON THE SAFE SIDE**
Diving hoses for professional and amateur divers

You can take our word on the quality of our products — our pressure hoses undergo special testing procedures, such as the warmth-impulse test, and can optionally be fitted with security features such as the Safety Bubble System or the REHAU Anti-Crease.

**Meets even the most stringent EN 250 requirements**

**Unique variety of colours and colour intensity**

**Patented Anti-Crease System**
High-pressure hoses

Moving quickly, always on time. Warehouses are often subject to very high or very low temperatures. The demands on high-pressure hoses are enormous, but REHAU hoses are up to the task.
FOR CONSISTENT UP AND DOWN
High-pressure hoses for working and mobile hydraulics

For forklift trucks, lifting mechanisms, agricultural machinery or mobile cranes, REHAU high-pressure hoses guarantee that internationally renowned manufacturers can enjoy uninterrupted functionality and meet any requirement posed by a modern, speedy approach to logistics.

The following properties guarantee hose reliability:
- Low weight
- Small outer diameter for small installation spaces and tight radii
- Simpler installation in comparison to rubber lines
- Chemical resistance

Highly resistant to abrasion, very long life span
Heat-shrinkable tubing

The specialist hose for coolant elbows is hidden away with the name of RAUCROSS DSC (thin-walled and self-extinguishing). Heat-shrinkable tubing was specially developed to isolate heavily bent objects and protect them from abrasion.
POLYMER HEAT PROTECTION
Heat-shrinkable tubing and insulating tubing in cars

Space is often limited and temperature changes extreme in the area around the engine, in sun roofs or in heating for exterior mirrors. There is a clear need here for specialist solutions that protect car components and can be applied to a great number of other sectors.

Particularly wide range of sizes

Their strength is in the formulation; the polymer protective casing has a crease-free application even in tight corners and is also resistant to petrol, oil and weather. A secure and inseparable bond is created with the component as soon as the adhesive is activated.

High expansion rates up to 6:1

When it comes to wiring harnesses and cable insulation, insulating tubing brings order to on-board power systems. However, it also functions as thermal insulation and protection against environmental factors.
If you are looking for pneumatic hoses, REHAU offers a particularly wide and varied range of products and materials. From PA 6 and PA 12 types up to VPE variations, our strength lies in standard options as well as customer-specific developments.
STABLE. FLEXIBLE. LIGHT.
Pneumatic hoses for motor and commercial vehicles as well as in automation

For laser machines, robots, printing machines, washing plants, snow groomers and welding – the wide range of pneumatic hose products ensures reliable, long-term and precise control.

Standard usage of up to 10 bar and up to +60°C, or usage with elevated pressure and temperature values, are our speciality. Specially developed VPE formulations are also part of our repertoire. The hoses meet stringent tolerance specifications and are compatible with a wide range of current plug systems.

Individual colour identification

Polyamide hoses instantly available ex stock

When used as a brake line, coupling line or air suspension, pneumatic hoses guarantee stable driving comfort on the street.

Anywhere there is a machine part with more than one supply line, only a pneumatic hose will do. That is why, for example, we manufacture thermoformed venting channels for oil filters.
Miniature high-pressure hoses

Highly flexible, resistant to chemical fluids and yet still lightweight, miniature high-pressure hoses can be found all around the world, ensuring reliable functionality in industrial plants.
THE TECHNIQUE IS IN THE DETAILS
Miniature high-pressure hoses for central and local lubrication

You’ll find these small-scale, reliable, high-pressure hoses wherever space is tight, where a high level of pressure resistance is required and where replacement or repair is challenging; good examples include wind turbines and construction vehicles. REHAU hoses stand for functionality throughout the machine’s entire life span.

Smallest dimensions: DN 1.8

Extreme pressure resistance up to 2,000 bar
RAUFILAM-E, RAUCLAIR-E and RAUFILAM SLIDETEC SOFT are our special industrial hoses. All hoses are manufactured using environmentally friendly and food-safe PVC materials, and are available ex stock.
ALWAYS THE RIGHT CHOICE
Industrial hoses for any area of application

The field of use for REHAU industrial hoses is simply anywhere that requires a clear view of fluids or technical gases and high-pressure work is carried out.

Laboratories, workshops, joineries, food industry sites, machine construction, compressed air supply, pneumatic tools or even in measurement and regulation technology – all of these sectors and areas find themselves rely on RAUCLAIR-E, RAUFILAM-E and RAUFILAM SLIDETEC SOFT specialist hoses.

And the reason is self-evident – these general purpose hoses meet diverse national and international standards, while the environmentally friendly material used in the RAUFILAM-E and RAUCLAIR-E hoses is even food-safe.

Certified food-safe KTW-C
Easy-slide technology
Permanently flexible down to -20°C

Patent pending for hose.
Suction and conveying hoses

Whether light, medium or heavy duty, RAUSPIRAFLEX hoses ensure uninterrupted functionality and security.
In industrial technology, trades and agriculture, we encounter a huge range of applications. Whether you’re moving granules, dust, powders or steam, we can offer you a wide range of universal vacuum hoses for any medium. All hoses are available ex stock.

Very high vacuum resistance up to 9.5 mWS

RAUSPIRAFLEX suction and conveying hoses are designed to convey granules and slightly abrasive, gaseous or pourable materials. The inner layers correspond to international food safety provisions.

Starting at DN 6
RAUAQUA drinking water lines are fully certified according to German drinking water regulations. They meet the relevant local requirements and are resistant to commonly used products for cleaning and disinfection, and, if required, UV-resistant and resistant to abrasion.
REHAU also offers ideal solutions for transporting drinks from the barrel to the tap without a drop in quality. That goes for beverages, beer, wine and soft drinks.

In dispensing equipment and vending machines, REHAU’s beverage hoses RAUALCO and RUBALCO ensure that beer, soft drinks and water always retain their flavour, reaching the customer at the right temperature. For closed conveying and cooling systems in dispensing equipment, we fabricate RAUALCO and TUBALCO hoses for REHAU Pythons.

HYGIENIC. CLEAN. TASTELESS.
Drinking water lines and beverage hoses

Water is one of humanity’s basic foodstuffs. In Europe, each person uses on average 130 litres per day, predominantly for body care, cooking or cleaning objects. Our RAUAQUA drinking water lines are used wherever humans come into contact with water, meeting German regulations for drinking water pipes and German Gas and Water Association regulation W270. To meet these standards, drinking water has to conform to the highest standards. RAUAQUA drinking water lines meet these standards, making them the optimum mode of transportation.

Meets drinking water standards
KTW-A and DVGW W270

Tasteless
Garden hoses

From the professional garden hose for intensive use to the “all-rounder” for garden watering, always with the right range of coordinated fittings and accessories.
FOR PRO AND AMATEUR GARDENERS ALIKE
Garden hoses, accessories and fittings for every garden

Respite from everyday stress, a family gathering place or the right spot for some “me time”, gardens and outdoor areas offer a whole host of opportunities. And no matter what your sanctuary looks like or what you use it for, REHAU has the right custom-designed watering product ready for every application!

Garden hoses

Accessories

How does diagonal reinforcement actually work?
Find out at www.rehau.com/reinforcement or scan the code

New: Fashion hose COOL TOUCH
BRANCHES THROUGHOUT THE WORLD
Close to our customers

Buenos Aires
The political, industrial and cultural heart of Argentina. Since 1994, it has been home to our sales office with an adjoining production facility for edgebands and the fabrication of window profiles.

Rehau
The group’s main headquarters – and largest location – since 1948. More than 2,000 members of staff work for REHAU at this site.

Ross-on-Wye
Ross-on-Wye, a town south of Birmingham, has been home to REHAU’s administration for the United Kingdom and Scandinavia region since 1995. Going by the name of “Hill Court”, the historic country house is well-known beyond the county of Herefordshire.

Neulengbach (near Vienna)
In 1956, this became the site of REHAU’s first plant outside of Germany.

Győr
Our Hungarian production site is the youngest in the company’s history. Since 2013, products have been produced here for the car manufacturer, AUDI.

Vancouver
The group’s westernmost location. This site is home to a sales office located some 30 hours’ flying time from our easternmost branch, the sales office in Khabarovsk, Russia.

Cullman
The REHAU plant in the southern states produces systems for the auto industry as well as surface heating and drinking water supply ranges.

Montreal
REHAU opened its first American plant in 1961.

Leesburg
REHAU’s headquarters for the North America region has been located in the state of Virginia since 1979.

Erlangen
At the administrative headquarters of REHAU’s Construction business division, visitors can find the company’s own innovation centre and the REHAU Construction Academy.

Muri
Since the 1960s, the REHAU Group has had its administrative centre in Muri, near Bern. This is also the headquarters of the group’s global material handling and logistics.

Morhange
A former military site covering an area of more than 12,000 square metres is home to our headquarters for France and Western Europe. Around 300 members of staff work here.

Celaya
Celaya, the third-biggest city of Guanajuato province, is a good 250 km away from Mexico City and has been the site of a REHAU plant, administration office and sales office since 1993. At this site, more than 250 employees produce plastic profiles for the car industry, household appliance industry and the furniture industry for the South American market.

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REHAU is present at over 170 locations around the globe. That includes 110 sales offices and 40 plants. Our central plants for the production of hoses are located in Feuchtwangen and Rehau, while Chile hosts a facility manufacturing garden hoses.
AND THERE’S MORE
Overview of hose product ranges

- Extracting – Irrigating – Conveying
- New generation
- Always the right choice
- Specialists for media and temperature
- A match for pressure
- Silicone products

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