



FRÄNKISCHE

INDUSTRIAL PIPES

A world full of

SOLUTIONS



WHO WE ARE

As individual as our customers



FRÄNKISCHE Industrial Pipes is a wholly-owned subsidiary of FRÄNKISCHE ROHRWERKE, the inventor of corrugated tubes.

We develop products with our customers' needs in mind. Our international team of experts with their versatile skills strives to achieve their common goal:

MAKING OUR CUSTOMERS' LIVES EASIER.

The versatile competences of our international experts are globally networked in order to stay close to the customer.

With our diversified teams of professionals we are in a position to see through the eyes of our customers and to perceive their needs. This is how we combine our personal experience with that of our customers in order to develop brand-new products and innovative solutions.

■ **AFRICA**

Ben Arous, **Tunisia** | Casablanca, **Morocco**

■ **AMERICA**

Anderson, **USA** | Guanajuato, **Mexico**

■ **ASIA**

Anting/Shanghai, **China** | Changshu, **China**

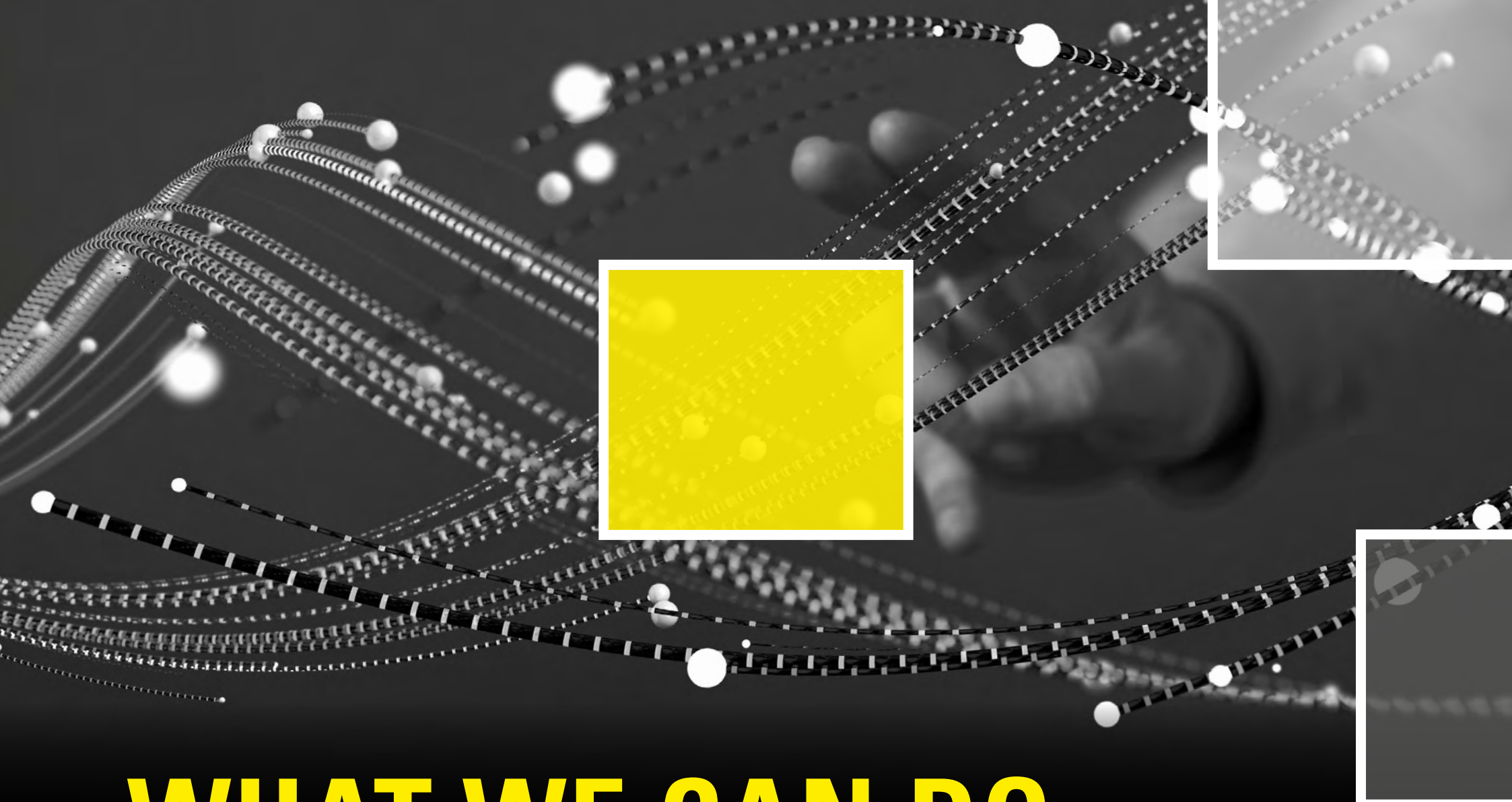
■ **EUROPE**

Cluj, **Romania** | Königsberg, **Germany** (headquarters) | Mönchaltorf, **Switzerland** | Okříšky, **Czech Republic**



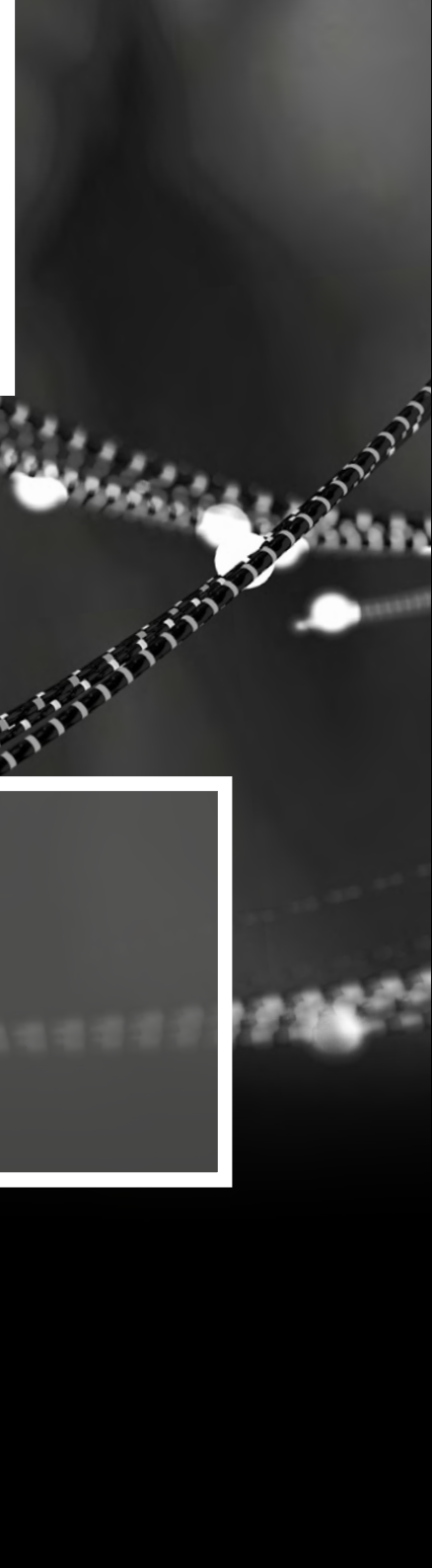
WHERE WE ARE

Always close to the customer



WHAT WE CAN DO

Diversity meets technology



We are more than just a manufacturer of corrugated tubing: We develop, design, manufacture and sell **SMART SYSTEMS**.

Particularly challenging tasks are our area of expertise: If it is too hot or too cold, too dangerous, too narrow, too aggressive or simply too complicated for others, this is where we come in.

We manufacture corrugated and smooth tubing (with up to 5 layers), braided, knitted and aramid hoses and mats, blow as well as injection molded components which are up to every task. Depending on the requirement, they can also be integrated into a product or system.

Especially in the field of industry, cables are subjected to extreme stresses, such as heat and cold, humidity and moisture, abrasion and impact, or other chemical and mechanical influences.

Our products protect have been designed and manufactured with our customers' individual needs in mind. This is why we constantly strive to expand our range of products, and why it offers a great variety of possible applications for industrial needs:

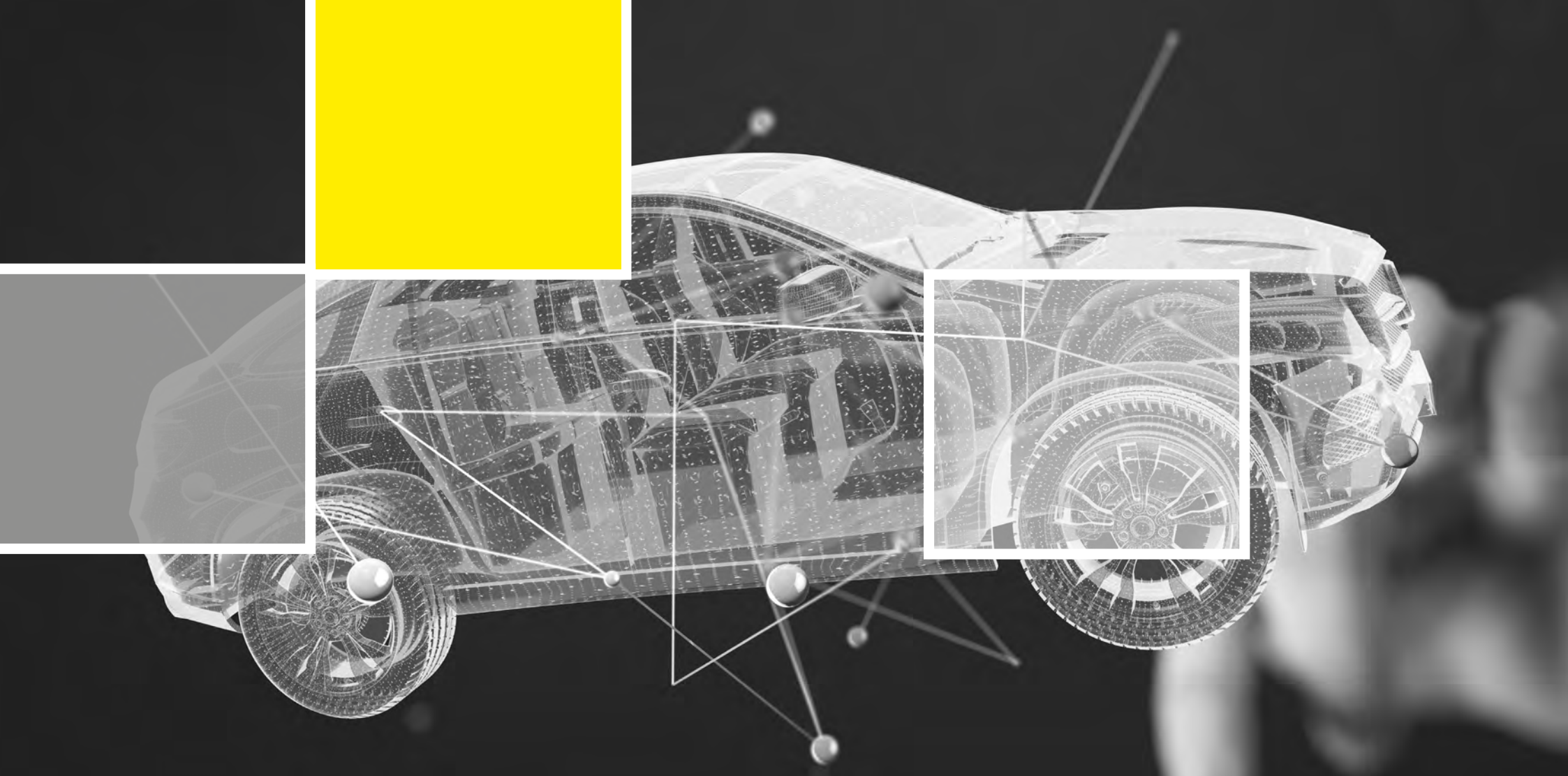
- Machine, plant and apparatus engineering
- Railway engineering / Transport
- Industry
- Chemistry
- Robotics
- Renewable energies (solar thermal engineering, wind energy etc.)
- Telecommunications
- Household appliance industry
- Sanitary equipment
- Medical engineering
- Exhaust technology
- Construction and agricultural machinery
- Thermal management





INDUSTRY

Reaching extremes



AUTOMOTIVE

Driven by innovation

FRÄNKISCHE products are installed in almost every car. Whether spray water line, battery cooling or tank ventilation – the automotive sector is a development partner for technically sophisticated corrugated pipes and fully assembled systems, protective hoses and media-leading pipe systems for the automotive sector.

Various manufacturing processes result in a broad product portfolio. In addition, in close cooperation with OEMs and Tier1, individual solutions for the specific assembly space are developed and delivered ready for series production directly and worldwide to final assembly.

■ **Cable protection**

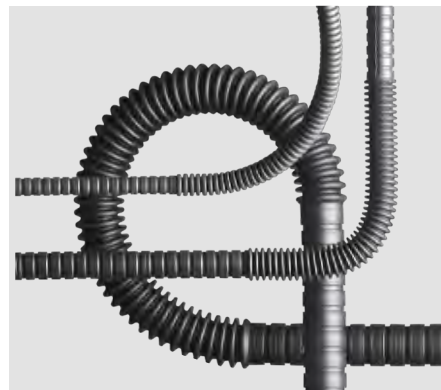
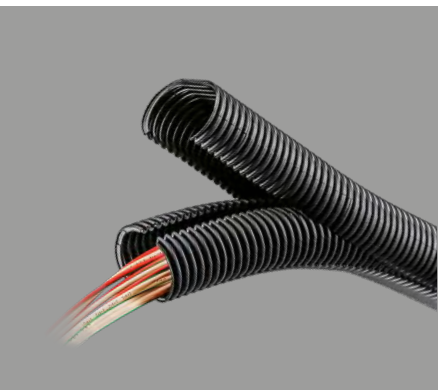
for high temperature requirements and shielding, against abrasion and impact stress,
for cable bundling, noise absorption and electric insulation

■ **Fluid systems**

e. g. for fuel lines, tank ventilation lines, filling systems, underfloor ducts, SCR ventilation lines,
crank case ventilation lines, vacuum lines, battery ventilation systems

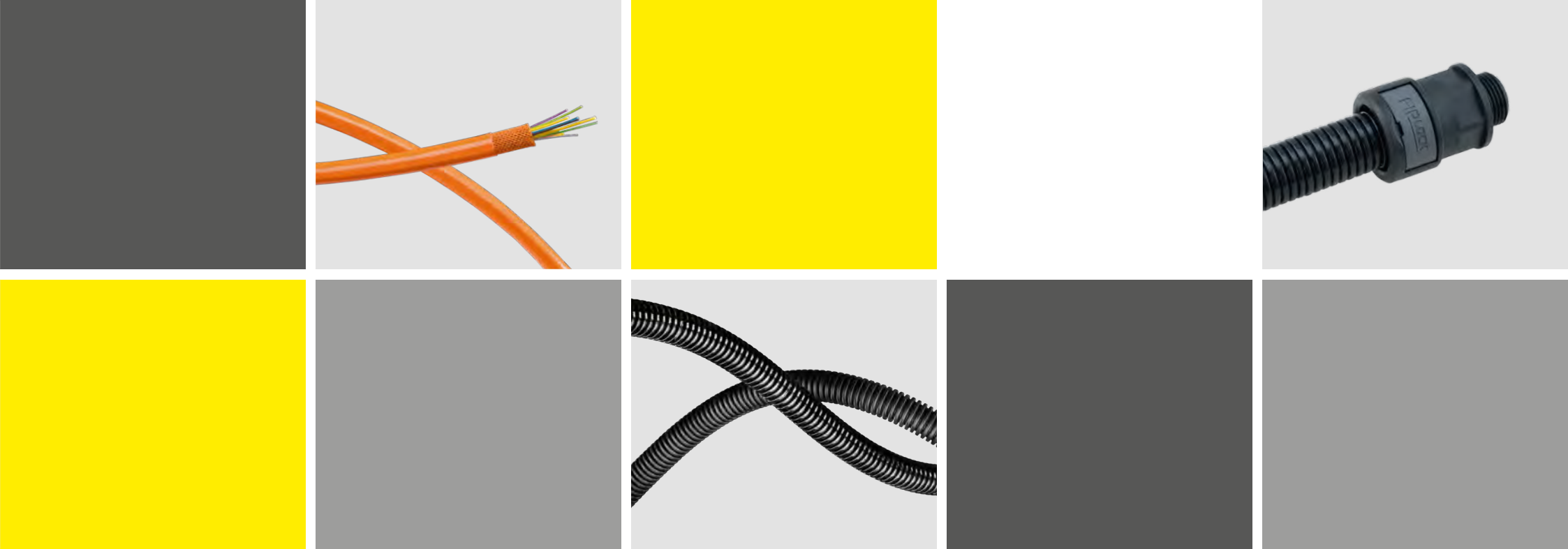
■ **Thermal management**

for cooling, heating and venting of batteries, electronics and vehicle interior
of battery and hybrid vehicles



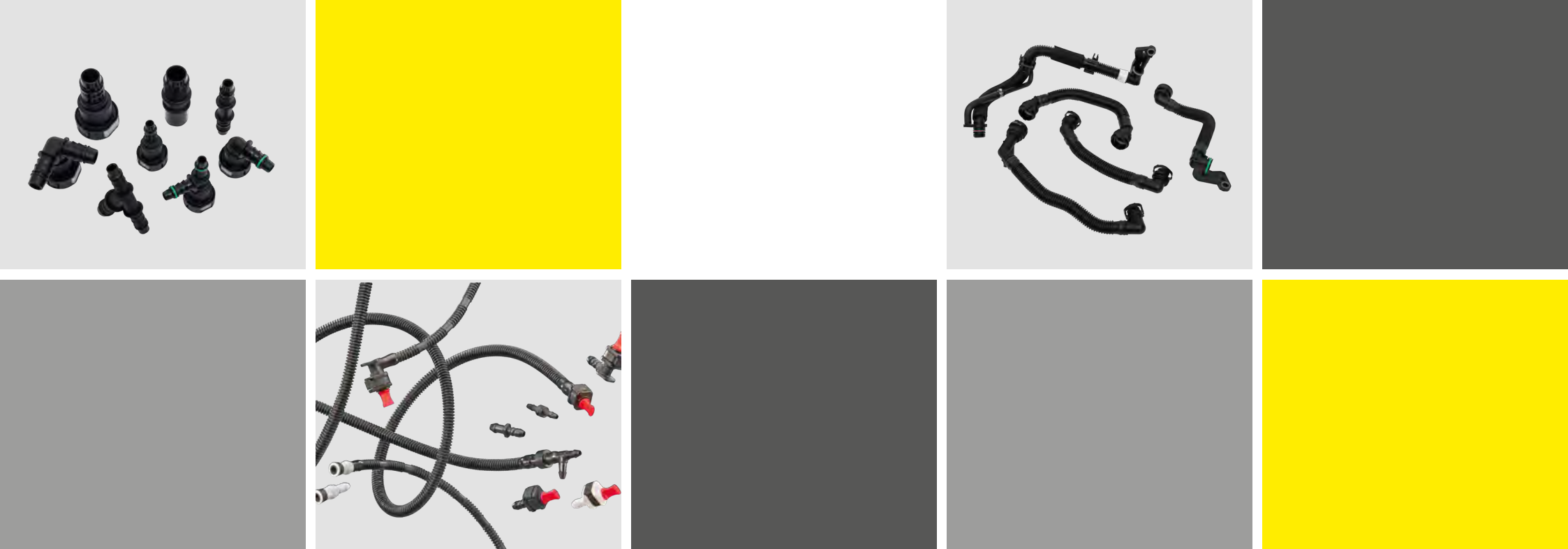
CABLE PROTECTION

Diversity with system



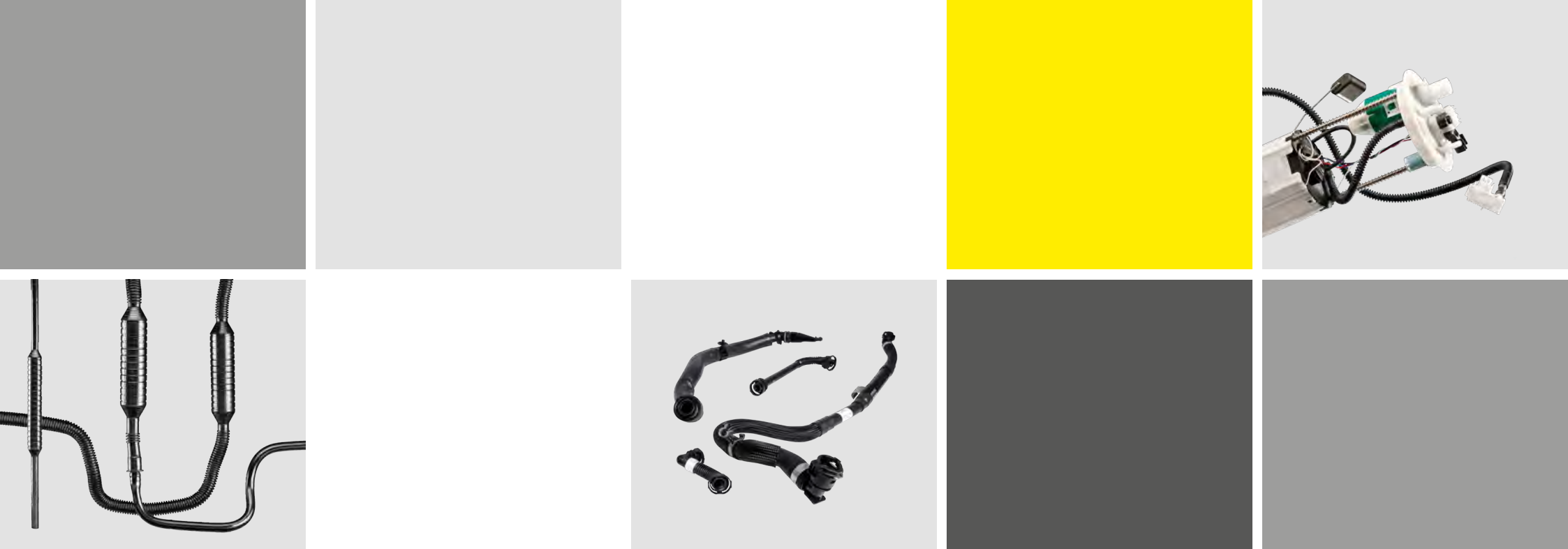
Our cable protection products are used to guide and bundle cables and wires (also in retrofit assembly), protect them against mechanical and chemical influences, moisture and wetness, heat and cold and against abrasion and impacts.

Together with our customers, we develop and implement solutions perfectly tailored to the specific needs of the automotive industry. Our corrugated conduits, distributors and threaded connectors comply with the highest demands and meet all the stipulated standards and requirements and even beyond that.



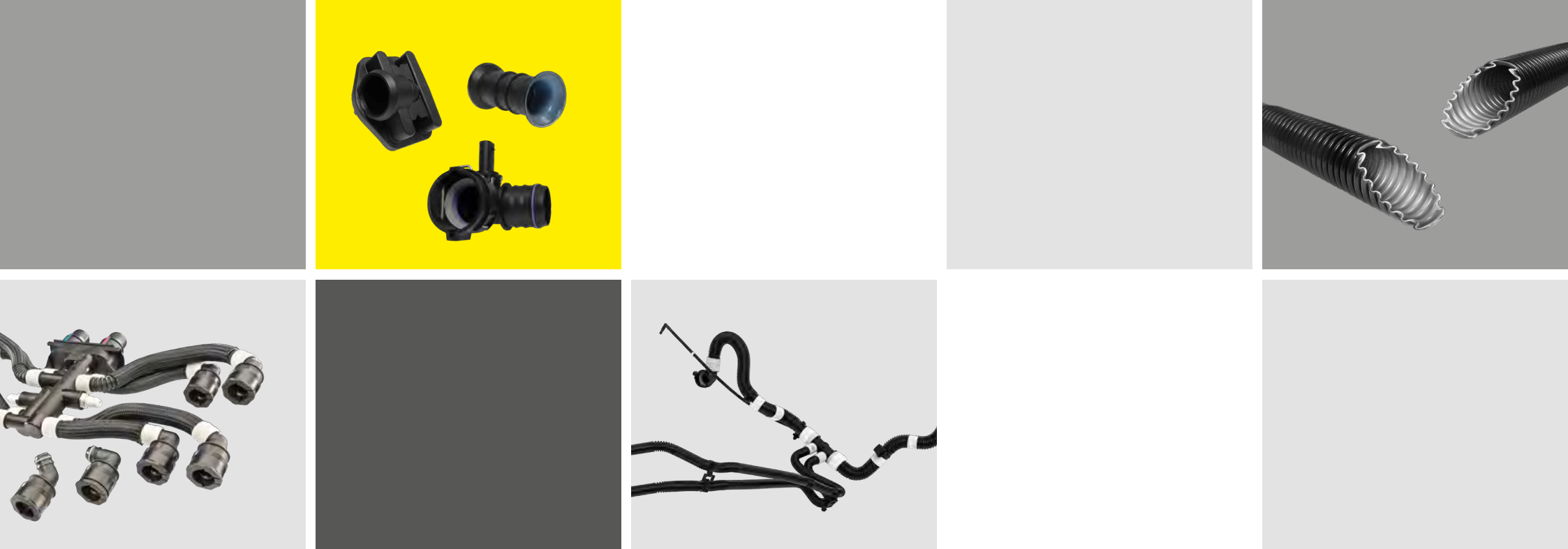
Together with our customers, we develop complete systems meeting individual requirements.
The conduits are 100 percent leak-tested and reliably transport liquids even at high temperatures.

Cutting-edge complete systems and comprehensive solutions as a standard or tailored to your specific needs: this is our expertise. Is it necessary to distribute and utilize liquids, air or gases? This is where our medium-conducting systems come into play.



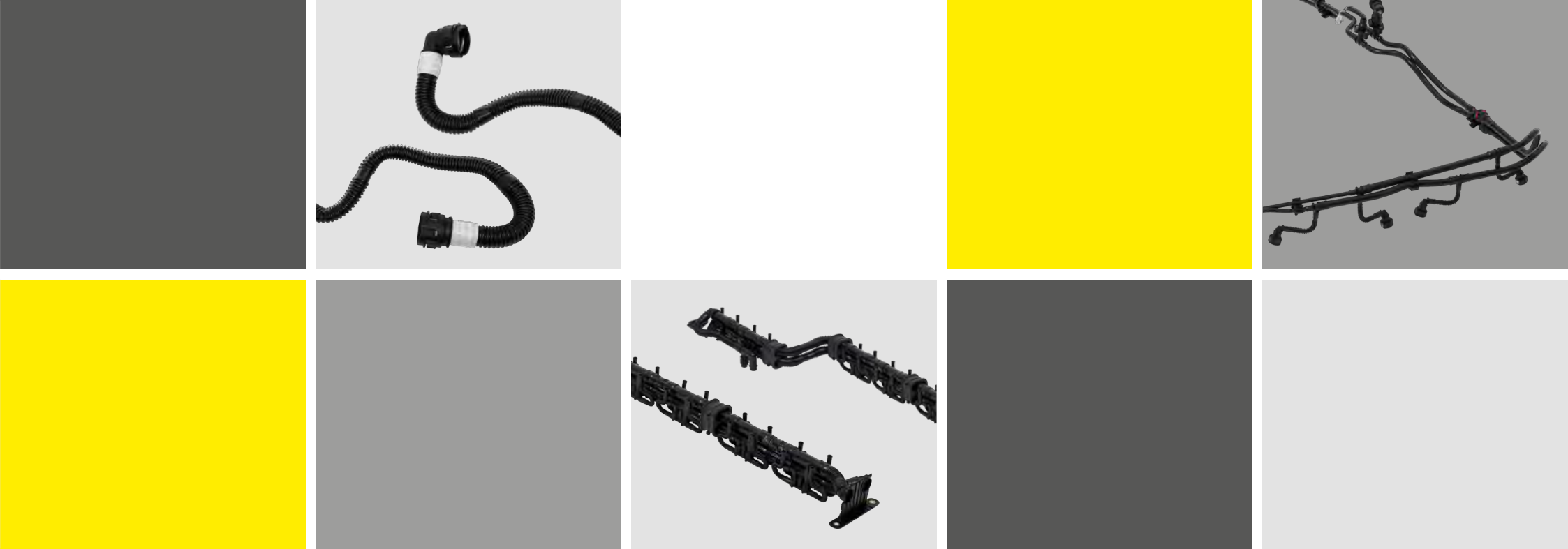
FLUID SYSTEMS

Moving diversity



THERMAL MANAGEMENT

Limitless innovation



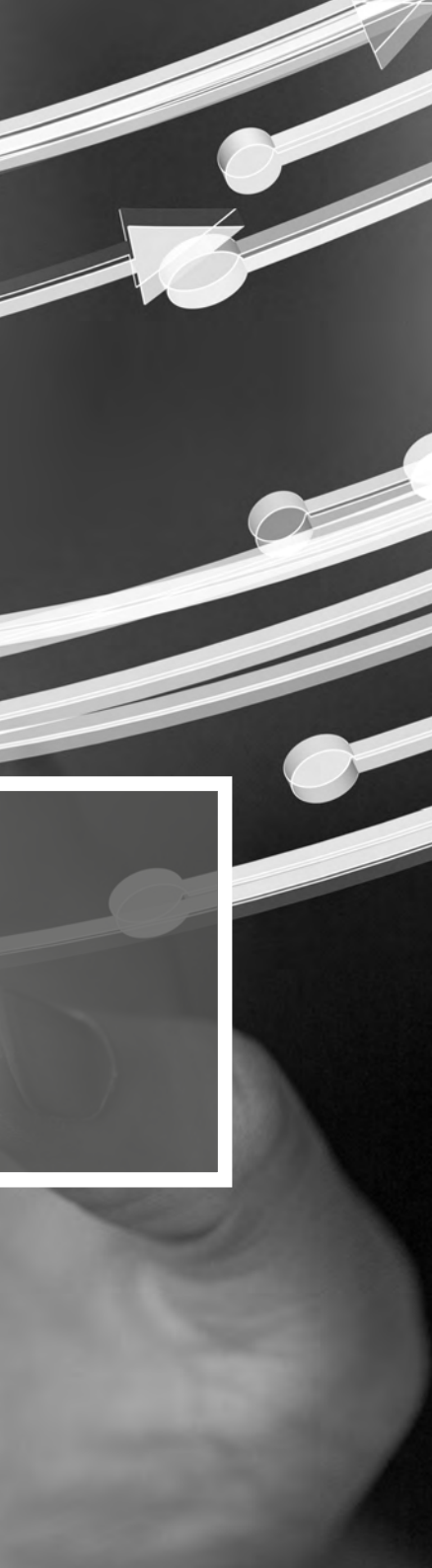
Customers benefit from FIP's strengths grown over decades also in the field of thermal management of batteries for electromobility and for industrial applications. Because in close cooperation with customers, FRÄNKISCHE Industrial Pipes develops installation-friendly systems in individual designs, also with integrated sensors.

The wide product range comprises complex systems made of corrugated and smooth tubing systems, space-optimized connectors, function-integrated plug systems, form-fitting connecting elements, also securely lockable fixing elements and protection sleeves and pads.

An abstract graphic on a dark background. It features several glowing, curved lines in white and yellow, some with small circles or arrows at their ends. A hand is visible in the lower right, reaching towards the lines. There are three inset boxes: a light gray one in the top left, a yellow one in the top right, and a gray one in the center. The text 'WHERE ARE WE GOING' is in large, bold, yellow letters, and 'What the future will bring' is in smaller, white letters below it.

WHERE ARE WE GOING

What the future will bring



We clearly put the focus on our customers' satisfaction. We are their reliable and competent partner for project-specific solutions. Our many decades of experience in plastic and metal processing as well as our technical know-how guarantee highest quality and best service.

We opt for research, development and ongoing innovation with the goal to keep on setting standards. The interaction to customers and business partners is key to new developments and improvements of our products and systems.

Satisfied customers are our motivation and we want it to stay that way.

FRÄNKISCHE

FRÄNKISCHE is an industry leader in the design, manufacturing and marketing of technically superior pipe systems, shafts and system components made of plastic and metal, and offers solutions for building construction, civil engineering, automotive and industrial applications.

Founded in 1906, the company is a third-generation family-owned business with around 4,500 employees working at production and sales facilities around the globe.

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