



MEMBER OF
FRANKISCHE GROUP

NEW

FIPFUSION

The material innovation.



NEW

FIPSMARTWAVE®

The technology revolution.

FIPCOOLING

Rethinking thermal management:

Boosting efficiency.

Shaping technology.

Designing the future.

FRÄNKISCHE Industrial Pipes (FIP) is the strategic development partner of leading OEMs and system suppliers in the field of thermal management. We don't just deliver products – **we deliver a technological edge.**

With in-house material development, manufacturing expertise and a global footprint, we create solutions that set new standards.

FIPSMARTWAVE®

Variable flexibility



FLEXIBILITY
adapts to individual geometries



LOW MAINTENANCE
minimized mechanical weak points



FLOW OPTIMIZATION
tailored wave geometry



DESIGN FLEXIBLE
adapts to existing layouts



SYSTEM INTEGRATION
with minimal pressure loss

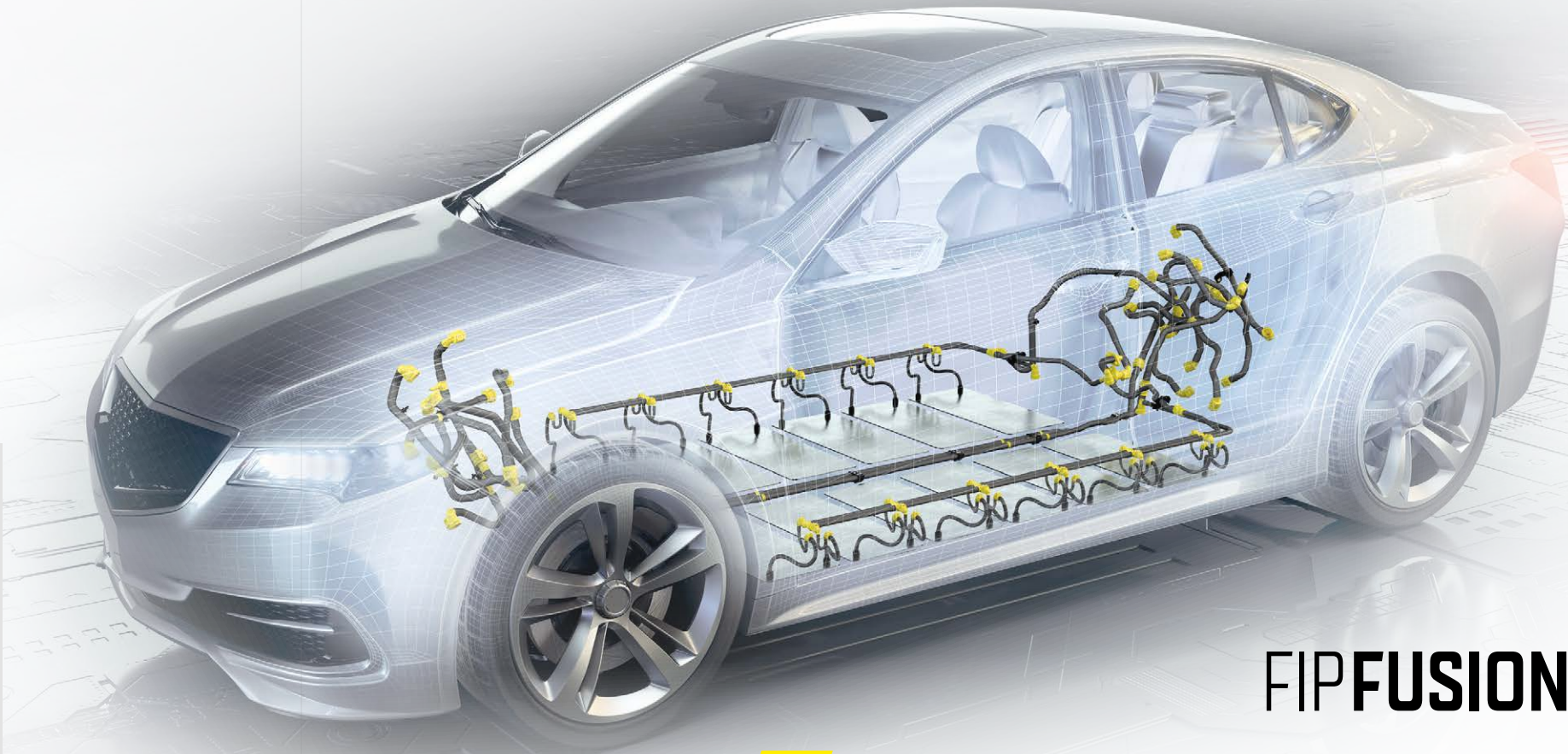


FIPSMARTWAVE®

increases system flexibility through integrated wave structures. Targeted wave integration enhances system flexibility in existing systems while optimizing pressure loss.

Up to **30% LESS THERMAL ENERGY LOSS**
thanks to improved insulation with

FIPFUSION



FIPFUSION

The material of the next generation



THERMALLY EFFICIENT
minimal thermal conductivity



DURABLE
chemical and temperature resistant



RECYCLABLE
sustainable and future-proof



EFFICIENT
less maintenance, lower costs



LIGHT AND ROBUST
weight advantage with high flexibility



Component expertise that makes the difference

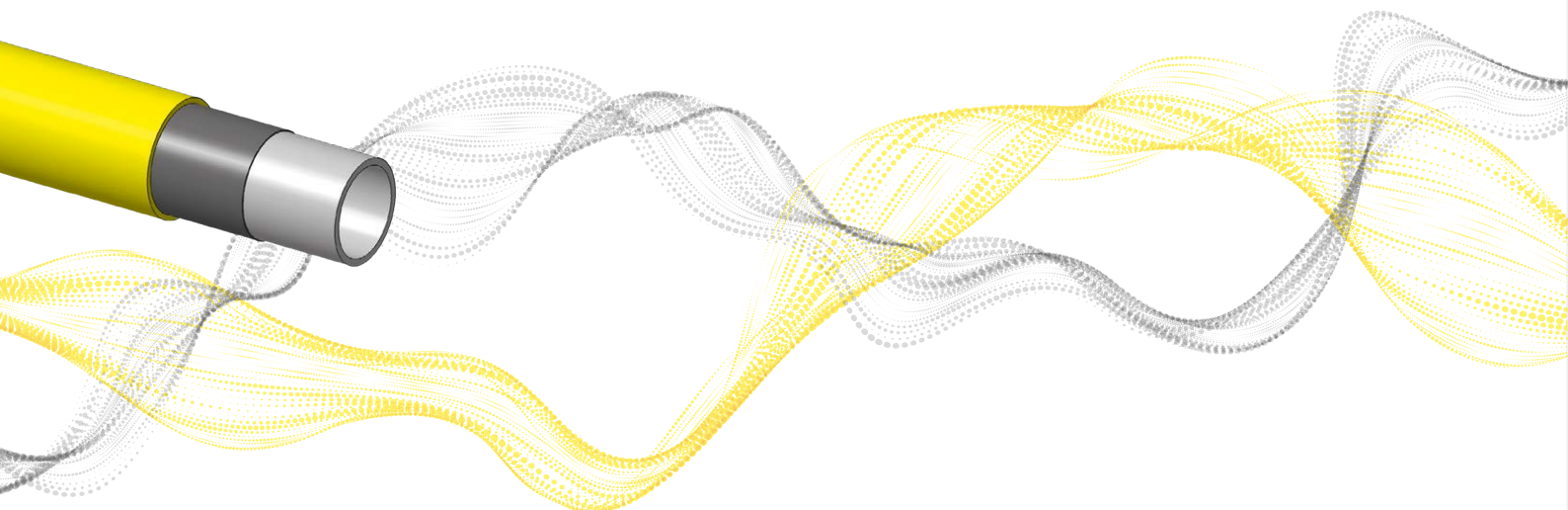
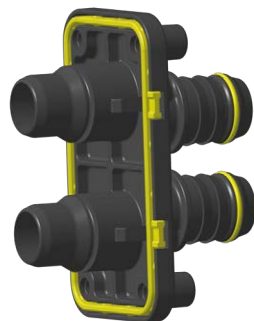
Every **FIP system** is more than just plastic: it's the combination of deep technological insight, advanced manufacturing and smart engineering.

Our components aren't just parts – they are **precisely coordinated system modules** designed for the **highest demands** in tomorrow's thermal management.

Modular & shape-stable

for structural intelligence in the system

- **Corrugated and smooth tubings**
Flexible or rigid, tailored to your needs
- **Mounting elements**
Secure hold, vibration-resistant and easy to install
- **Passthrough housing feedthroughs**
Sealed interfaces – seamlessly integrated



FIPCOOLING

Smart & adaptive

for precise thermal regulation



- **Thermoelectric heaters**
Energy-efficient direct heating
- **Quick Connectors with temperature sensor**
Smart real-time monitoring
- **Quick Connectors with shut-off function**
Decoupling without fluid loss

Protective & performance-enhancing

for extended system lifetime

- **Filter elements**
Ensuring clean fluids for optimal engine performance and durability
- **Abrasion protection components**
Reliable protection against movement, heat and friction
- **Cooling elements**
Efficient heat dissipation in compact designs



TECHNOLOGY PARTNER.

QUALITY LEADER.

ENABLER.

In a dynamic market environment, it's not just what you do that counts but how well you do it. **FIP is more than just a supplier:** we are a **development partner** with a deep understanding of the industry, technological excellence and uncompromising manufacturing quality. Our customers benefit not only from products, but also from a **sustainable advantage**.

Our differentiating features – your competitive advantage:



MATERIAL EXPERTISE

FIPFUSION stands for material innovation with maximum efficiency and environmental compatibility.



INTEGRATION COMPETENCE

With **FIPSMARTWAVE®** we enable flexible integrations.



ZERO-DEFECT PRINCIPLE

Enabled by automated testing and production processes – in line with automotive standards.



GLOBAL PRODUCTION PRESENCE

Worldwide production according to uniformly high quality standards – available locally.



SUSTAINABLE ECONOMY

Our CO₂ processes lower emissions and operating costs.



PARTNERSHIP THINKING

From the idea to prototypes to series production: We design solutions with you – not for you.



FRÄNKISCHE Industrial Pipes (FIP) is a global partner to the automotive and commercial vehicle industry, and is close to its customers' with sites in Africa, Asia, Europe and North America. The company's main headquarters is in Königsberg, Germany.

FRÄNKISCHE Industrial Pipes counts leading manufacturers and renowned suppliers from the industry among its customers. The company was founded in 2008 and has enjoyed success thanks to innovative, customer-oriented solutions for fluid management, protective components as well as thermal management.

A strong focus today is on e-mobility with thermal management. FIP's key competences also include industrial cable protection, and media-conducting systems that are used wherever liquids or gases are distributed under specific and stringent requirements. Other key competencies include the design, prototype construction, and mass production of customerspecific components, utilizing the company's own expertise in plastic technology and automation.



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