



MEMBER OF
FRANKISCHE GROUP

YOUR VEHICLE.

YOUR PROTECTION.

YOUR FUTURE.



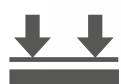
FIPPROTECT

Innovative cable protection solutions
for the automotive industry

Expect more from your cable protection systems

In an industry where performance and reliability are non-negotiable, our advanced cable protection solutions provide unbeatable durability against extreme conditions and keep your cable systems performing at their best.

Tailored protection for every vehicle:



Abrasion protection



Impact protection



Cable routing



Noise protection



E-mobility



Sealable



Heat protection /
high temperature



Accessories

Design library

You can now find **CAD data** and **3D models** of our cable protection products at traceparts:



FIPPROTECT

Download

Scan the QR code to discover our current **main catalog** for automotive cable protection solutions.



Product range

Tailored to your needs

Our extensive portfolio of cable protection solutions is designed to meet the diverse requirements of the automotive industry. From high-performance vehicles to mass-production models, we offer a range of products that ensure your wiring is always well-protected, no matter the environment.

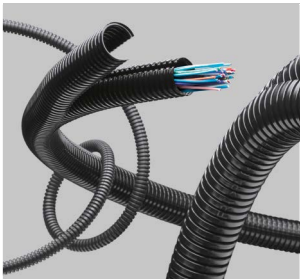
Corrugated tubing

Standard corrugated tubing



Product	°C							
Standard profile corrugated tubing	85 – 200°C			✗				✗
High-corrugation profile corrugated tubing	85 – 250°C			✗				✗
Softflex profile corrugated tubing	85 – 100°C			✗	✗			✗
Softwave profile corrugated tubing	85 – 200°C	✗		✗				✗
Corrugated tubing with smooth inner layer	85 – 125°C	✗		✗				✗

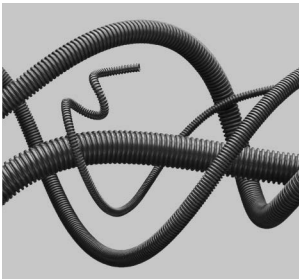
Sealable corrugated tubing



Product	°C							
Monoflex profile corrugated tubing	85 – 200°C	✗		✗			✗	✗
Monoflex truck profile corrugated tubing	85 – 200°C	✗		✗			✗	✗
Lockflex profile corrugated tubing	85 – 175°C			✗			✗	✗
Co-flex profile corrugated tubing	100 – 200°C	✗		✗			✗	✗

FIPPROTECT

High-temperature corrugated tubing



Product	°C							
High-temperature standard profile corrugated tubing	200 – 330°C			✗				✗
High-temperature high-corrugation profile corrugated tubing	200 – 330°C			✗				✗
High-temperature Softwave profile corrugated tubing	200 – 330°C	✗		✗				✗
High-temperature Lockflex profile corrugated tubing	175 – 260°C			✗			✗	✗

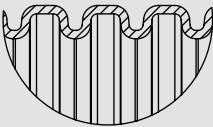
Special corrugated tubing



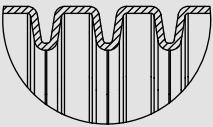
Product	°C							
Oval profile corrugated tubing	85 – 200°C			✗				
Threaded corrugated tubing	100 – 125°C			✗				
Corrugated tubing with sequential perforations	100 – 150°C			✗				✗
Corrugated tubing with individual requirement profile	85 – 200°C	✗		✗				
Coca cable tray corrugated tubing	125°C			✗			✗	✗
Anti-rodent-bite corrugated tubing	100 – 300°C			✗				✗
Light protect corrugated tubing	100 – 125°C			✗				✗
Corrugated tubing with recess	85 – 200°C			✗				✗
Corrugated tubing with integrated spacer	85 – 200°C			✗				✗
Corrugated tubing with diameter changes	85 – 200°C			✗				✗

Corrugated tubing

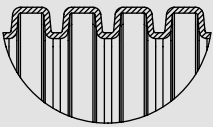
Profiles



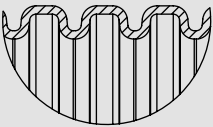
Standard



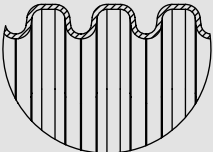
Softflex



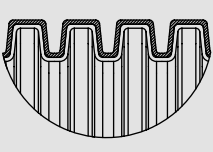
Marten protection



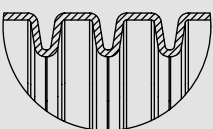
Lock-flex



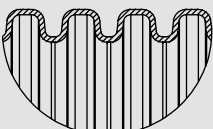
High-temperature



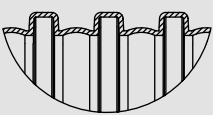
Monoflex, Monoflex truck and Co-flex



High-corrugation



Oval profile



Softwave

FILLING DEGREE

OF CORRUGATED TUBING 80%

Unless otherwise specified, the maximum usage of inside diameter is 80 %.

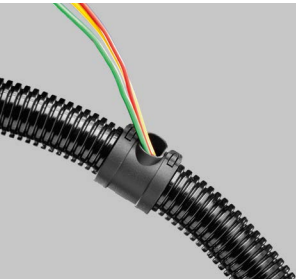
Injection molding components and accessories

Protective and blind caps



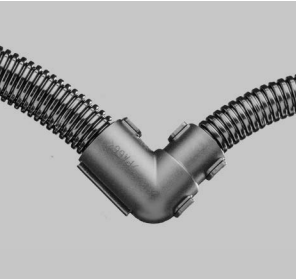
Product	
Protection cap Aptiv	Protection cap Sumitomo
Protection cap Bosch	Protection cap TE connectivity
Protection cap Hirschmann	Protection cap Yazaki
Protection cap Kostal	Blind cap Hirschmann
Protection cap Molex	Blind cap TE connectivity
Protection cap Pirna	Blind cap Yazaki

Manifolds



Product	
Tslim-fix manifold	FMC-Y manifold
T-snap-lock manifold	A-slim-fix manifold
TMC-T manifold	FMC-A manifold
Yslim-fix manifold	Y-manifold
T-snap-lock manifold	M-manifold

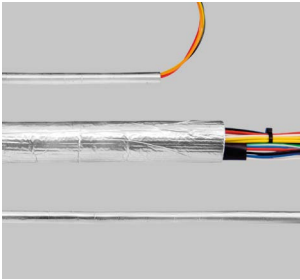
Accessories



Product	
P-clip	Reducer inserts
Elbow	Clip
Corrugated tube clip FHW	Insert tool
FVC connector	

Protection sleeves and pads

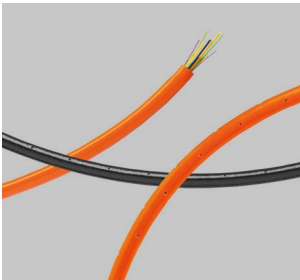
Heat reflecting protection products



Product	°C							
FAP	200°C / 650°C*		✗	✗				✗
FAP Printed	200°C / 650°C*		✗	✗				✗
FAP Sewn	200°C / 650°C*		✗	✗				✗
FAP W	250°C / 650°C*		✗	✗				✗
FAP Cap	200°C / 650°C*			✗			✗	✗
FAP Lock	150°C / 480°C*			✗			✗	✗
G0S Alu	210°C		✗	✗	✗			✗

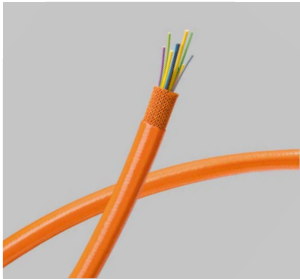
* Radiation temperature

Heat protection products



Product	°C							
G0S	210°C		✗	✗	✗			✗
G0S Alu	210°C		✗	✗	✗			✗
G0T Knitted	250°C		✗	✗	✗			✗
G0TS Braided	250°C		✗	✗	✗			✗
FSPH	210°C	✗	✗	✗	✗			✗
GN1 / GN1 Violett	350°C / 250°C		✗	✗		✗		
MTP	350°C		✗					✗
HTP	400°C		✗					✗

Abrasion protection products



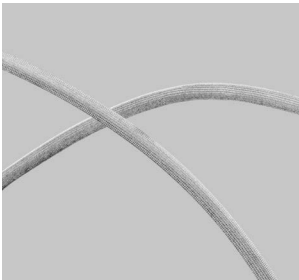
Product	°C							
FSPH	210°C	✗	✗	✗	✗			✗
GGU	160°C	✗	✗	✗	✗			✗
GGD	160°C	✗	✗	✗	✗			✗
FS 2 Million	160°C	✗	✗	✗	✗			✗
FS 2 Million Pad	160°C	✗	✗	✗	✗		✗	✗
GA6	130°C	✗	✗	✗	✗	✗		✗
FIP A Lock	150°C	✗	✗		✗	✗	✗	✗

Crash protection products



Product	°C							
GA Basic	180°C		✗	✗	✗	✗		✗
GA Flex	160°C		✗	✗	✗	✗		✗
GX0	180°C	✗	✗	✗	✗	✗		✗
GX0 Pro	180°C		✗		✗	✗		✗
GA1/ GA2	180°C	✗	✗	✗	✗	✗		✗
GA1 Soft / GA2 Soft	180°C	✗	✗	✗	✗	✗		✗
GA3	180°C	✗	✗		✗	✗		✗
GA6	130°C	✗	✗	✗	✗	✗		✗
GA11	180°C		✗	✗	✗	✗		✗
GA Crash Pad	180°C			✗	✗	✗	✗	✗
Crashtex	150°C	✗	✗	✗	✗	✗		✗
Crashtex Lock	150°C	✗	✗	✗	✗	✗	✗	✗
GN1 / GN1 Violett	350°C / 250°C		✗	✗		✗		

Special protection products



Product	°C							
Bacid Pro	200°C		✗	✗		✗		✗
Emitec	220°C		✗	✗		✗		✗
Isocorr S	200°C		✗	✗	✗			✗
GN1 Double	350°C		✗	✗		✗		✗
Crashtex Lock	150°C	✗	✗	✗	✗	✗	✗	✗
FAP Lock	150°C / 480°C*			✗			✗	✗
FIP A Lock	150°C	✗	✗		✗	✗	✗	✗

The given values are based on internal test and do not release for the self-test based on the end-use.
The meaning of the application icons used can be found on page 2.

Why choose FIP PROTECT cable protection solutions?

In the ever-evolving automotive industry, where innovation and precision are crucial, selecting the right cable protection makes all the difference. Our solutions meet the highest standards, delivering unmatched protection and long-term reliability.

Key benefits at a glance:

- Superior Durability**
Engineered to withstand high temperatures, wear, and harsh environmental conditions for long-lasting performance.
- Maximum Safety**
Prevent cable damage, reduce failure risks, and enhance overall vehicle safety.
- Customized Solutions**
Every vehicle is unique – our protection systems are tailored to meet your specific needs.
- Boost Efficiency & Performance**
Reduce maintenance costs, extend cable lifespan, and optimize vehicle functionality!

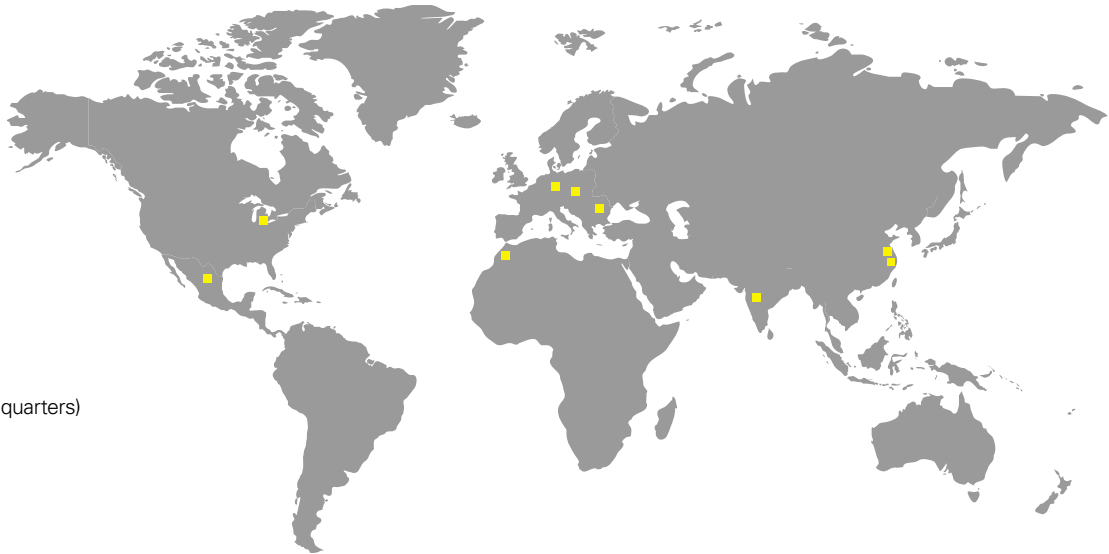
Your Vehicle. Your Protection. Your Future.
From electric mobility to heavy-duty transport, our cable protection solutions keep your wiring secure, ensuring peace of mind on the road.

Global expertise – local solutions!

With production facilities strategically located worldwide, we manufacture on-site at our customers’ locations – ensuring fast, reliable, and customized solutions tailored to your needs!

- AFRICA**
Casablanca, Morocco
- AMERICA**
Silao, Mexico
Rochester Hills, USA*
- ASIA**
Anting/Shanghai, China
Changshu, China
Pune, India*
- EUROPE**
Königsberg, Germany (headquarters)
Okříšky, Czech Republic
Cluj, Romania

* Sales office



Focus on sustainability

Our corporate philosophy is based on the principle of sustainability. As a global supplier of cable protection systems and media-conducting systems for the automotive and industrial sectors, our aim is to strike a balance between growth, social responsibility and environmental sustainability. We strive to ensure stability, secure the future of our company and contribute to the sustainable development of the economy and society.

For us, sustainability encompasses three dimensions:

- Economic sustainability**
Our aim is to manage the company sustainably over the long term. Healthy corporate growth is of central importance to us.
- Ecological sustainability**
We are committed to conserving natural resources. Our products help to reduce environmental pollution and contribute to the protection of the environment.
- Social sustainability**
We attach great importance to integrating social aspects into our business practices. Fairness towards our employees and society in general is of great importance to us.

With our vision, we not only strive for entrepreneurial success, but also want to make a positive contribution to a sustainable future.



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.



MEMBER OF
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