We are there where you need us.

Our large sales and service network ensures that wherever you are in the world, we´re always where you need us. Never far away – with trusted reliability, ready to respond immediately with a timely solution.

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Automotive Industry

**You develop the automotive future.
We are shaping it with you.**

*HellermannTyton – Competence
for the automotive industry*

HellermannTyton

You drive innovative ideas ahead. We are offering the freedom you need.

Our industry expertise

The automotive industry has always been in a state of development – from the first motor car and the advent of mass production until today. New technologies are continuing to place higher demands on vehicles and how they are manufactured: accelerated development and production processes, higher quality standards, solutions that are more cost-effective, just-in-time delivery and environmental sustainability, to name just a few.

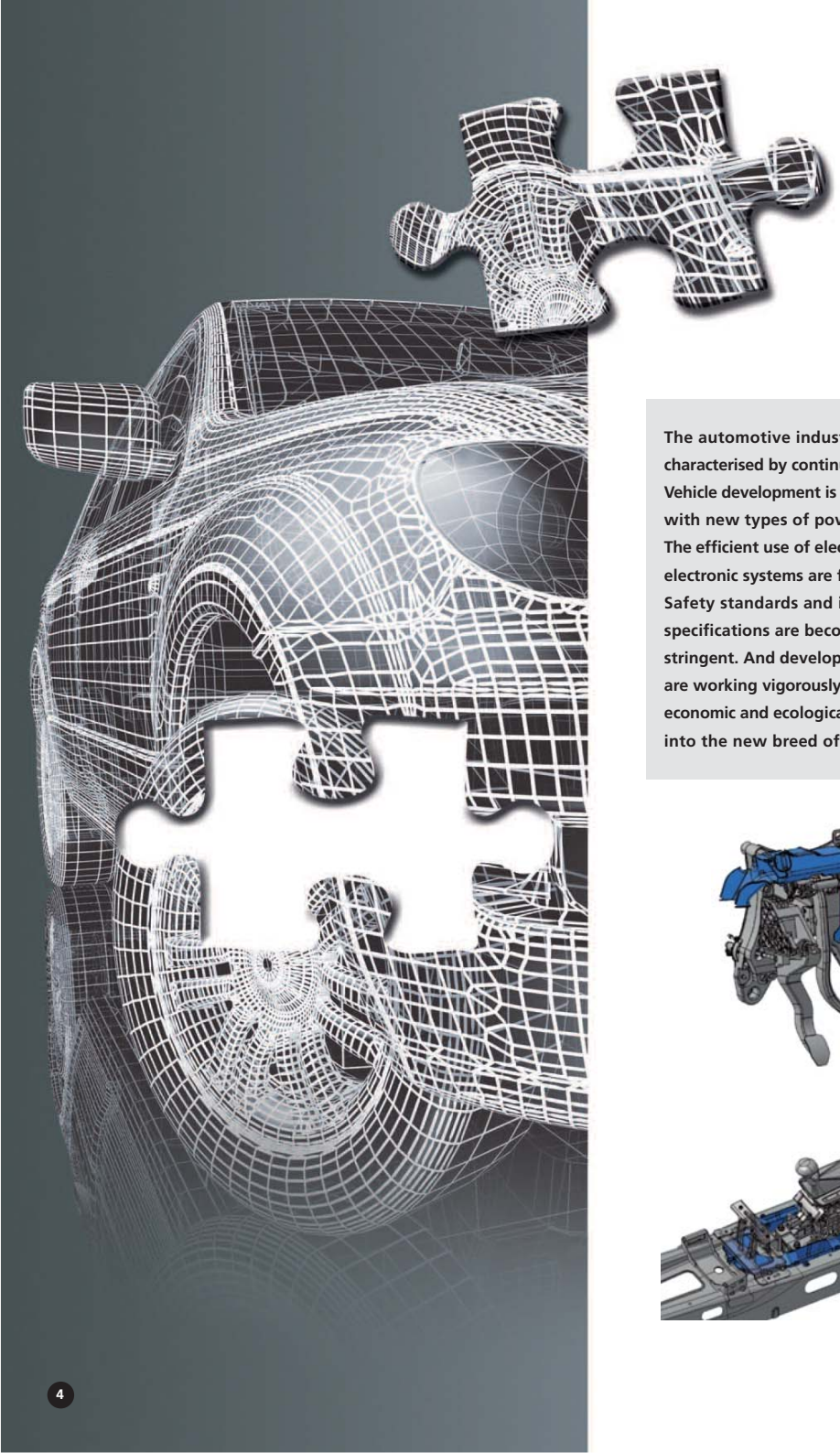
HellermannTyton is an experienced industry partner who is always at your side. As a specialist for cable management systems, cable protection, identification solutions and data network technology, we've been working closely with the automotive industry for many years.

What does this mean for our customers? We're always close to you, talking to you to create precise solutions tailored to **your individual needs**. The decision-making paths are shortened, and your knowledge is bundled with ours to achieve a new quality in project realisation.

'Resident engineering' is the most beneficial form of knowledge transfer: for large-scale or special projects, we can locate our experts directly in your business.

But not only are our visionary developers and highly experienced technicians at your side **wherever you are located in the world**. Local distributors in our comprehensive international network are always nearby to help you whenever you need us. At HellermannTyton, **high development competencies** go hand in hand with **expertise in sales and logistics**.

Integrate our advantages into your own development projects. Tell us where you want to take the automotive industry, and we will deliver the solution.

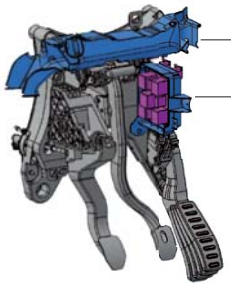


You continuously look for ways to optimise vehicles. We're developing the solutions to do it.

Our engineering competence

The automotive industry is characterised by continuous change. Vehicle development is racing ahead with new types of power trains. The efficient use of electrical and electronic systems are flourishing. Safety standards and industry specifications are becoming more stringent. And developers today are working vigorously to combine economic and ecological features into the new breed of vehicle.

Cable duct: *Critical for positioning the entire wiring system, robust design for safe cable harness installation.*



Bracket: *Mount design with hook-in solution and additional direct threaded mount that saves production time.*

Cable duct: *Space-optimised design, innovative clip with utility-model-protected functional elements.*

We develop products tailored to your specifications. To do this we rely on current CAD and rapid prototyping systems. Experienced designers using advanced development tools guarantee a high level of quality in all of our products. The result: innovative solutions and the chance to profit from the advantages.

Save development time
Our product developers work simultaneously with your engineers while we develop the solution. This shortens the development phase, even for parts whose dimensions have not yet been completely finalised.

Reduce weight
Replace metal with plastic without compromising on quality and performance. HellermannTyton injection-moulded parts offer complete freedom in geometric design, allowing easier integration of other functional elements. They are also corrosion-resistant.

Reduce component diversity
With our targeted cable-set analyses, we are able to demonstrate cost-effective alternatives, the application of preferred parts and how components can be optimised.

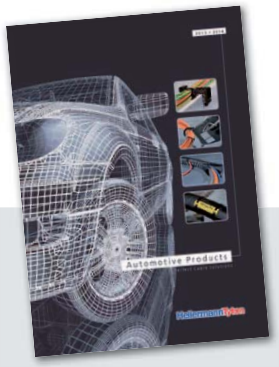
Choose the right material
Our many years' experience in product development will help you to select the right materials. If a suitable material for your application doesn't exist, we will work closely with you and our raw material suppliers to develop one.

We're your reliable partner throughout the complete development process – from first contact to serial production.

How can we support you in vehicle development?

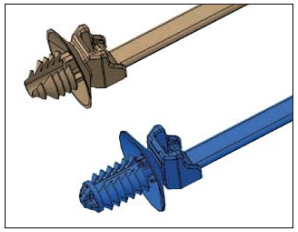
Contact us to find out!

Replacing metal with plastic to reduce weight and integrate functional elements.



Perfect solutions for your industry: Our automotive catalogue

Containing all products designed to meet the needs of the automotive industry. Divided by category and clearly laid out – you'll quickly find the right solution.



Example of re-engineering: 1-piece fixing tie.
By optimising the lamella geometry, higher extraction forces can be achieved at lower push-in forces.

You set new standards in vehicle construction. We're offering the right portfolio.

Our product range

As well as numerous **custom-designed products**, we also have a portfolio of ready-made solutions based on **our comprehensive industry knowledge**. Choose the products you need from our wide range designed to meet your requirements in the automotive industry.

Expect the highest standards of quality, each and every day:
- Use of high-quality raw materials
- Precision manufacturing through in-house tool construction
- Mould flow analysis to optimise injection-moulded tools and production conditions
- Comprehensive testing to ensure smooth working processes, high quality and the durability of products in our portfolio

Our extensive network of branches and distribution partners around the world ensures a consistently high level of service and flexibility, as well as quick response and delivery times.

Cable ties and fastening systems

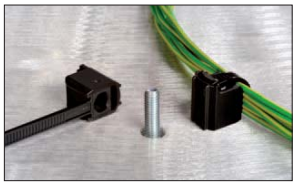
Our wide variety of **EdgeClips** for edge fastening provides an easy mounting solution, especially for complex routing where there is no stud, hole, or other fixing point available.

This range of **bundling clips** was developed for winding cables and cable harnesses. The cables are simply fixed to the winding bar with cable ties or adhesive tape.

With the **Omega Clips**, we found a solution to a recurring challenge: attaching additional cables later to assembled harnesses.

Specially developed for the automotive industry, the **caps and edge covers** are used wherever holes need to be closed or cables need to be safely fitted over edges.

Connector clips enable plugs to be set into the corresponding receptacle. The clips can be removed just as practically and conveniently for maintenance and repair.



Thanks to the appropriate aperture, the **weld stud mounts** for cable and wire assemblies can be pressed onto a weld stud without tools.

Our product range

Cable ties and fastening systems

The patented **KR cable tie** ensures a secure fit for the mounting even with systems subject to vibration such as vibration dampers.

The **PEEK system solution** is ideal for high-temperature applications. It combines the mechanical characteristics and resistance of metal components with the simple installation properties of plastic products.

The **OS-Series** is an innovative development for outside serrated cable ties with a smooth surface to the cable bundle, preventing problems of damage to the cable insulation.

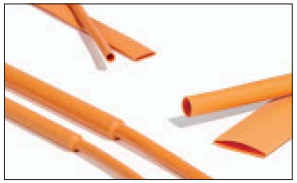
Application tooling

The **EVO7** manual application tool with revolutionary TLC technology reduces the effort required for cutting and enables recoilless working that is gentle on the joints.

The pneumatic **MK9P** bundling tool for cable ties from 4.8 mm width. The ergonomic design of its low-weight plastic housing ensures greater comfort and less fatigue during use.

Electrically operated **bundling tools** are ideal for large quantities in a range of applications due to their reliability, easy operation and flexibility.

Heat shrinkable products

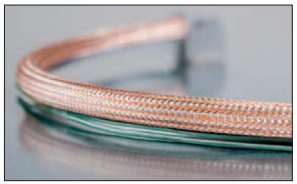


The flexible **TF21** heat shrinkable tubing (shrink ratio 2:1 or 3:1) has very good mechanical and chemical characteristics and can be easily printed on.

EPS-300/-400 tubing with thermoplastic adhesive liner and 3:1/4:1 shrink ratio. Protects battery cables, plugs and connectors from moisture and other environmental factors.

Extremely abrasion-resistant and durable: **SE28/TE28** with a 2:1 shrink ratio are durable even at high temperatures and under mechanical stress, especially against oil, diesel and other fuels.

Cable protection



The Helagaine **HEGEMIP EMV braided sleeving** in a patented mix of polyester and tin-plated copper threads provides protection from abrasion and electromagnetic waves. It conforms to the international EMI standard CISPR 25.

Helagaine **braided sleeving** made from polyester or polyamide offers individual strengths: protection against mechanical and chemical factors, flexibility, resistance to abrasion, and heat or sound insulation.

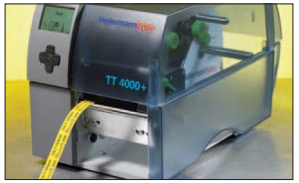
Helagaine **Twist-In** is an open, self-closing protective sleeve made from polyester threads which makes cable bundles easy to access for maintenance, repair and inspection.

Our product range

Identification systems

The chemical-resistant polyester labelling **Material 1201** for thermal transfer printing is for the durable and non-ageing identification of components, e.g. for type plates or cable tags.

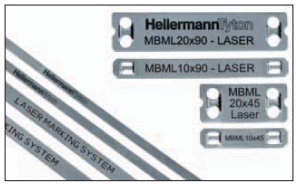
Developed for vehicle identification, the **Material 951** tamper-proof type plates for thermal transfer printing with transparent overlaminate meet German Federal Motor Transport Authority (KBA) requirements.



The high-resolution **TT4000+** thermal transfer printer (including Tagprint Pro labelling software) is ideal for printing bar codes, graphics, numbers and letters on labels and heat shrinkable tubing.

Self-laminating **Material 323** labels for thermal transfer printing are characterised by their high scratch resistance, chemical stability and resistance to high temperatures.

TULT DS heat shrinkable tubing (shrink ratio 3:1) is solvent-, chemical- and cold flow-resistant. It is also infusible, self-extinguishing, highly flexible and also complies with UL224 VW-1 and CSA.



The **laser printing service** allows stainless-steel cable ties and stainless-steel metal identification plates to be pre-produced with individual markings.

You meet the most stringent safety standards. We are meeting your strict specifications.

As a leading automotive supplier, we always meet your industry-specific requirements. You can be assured that each of our products meets the stringent standards applied to the automotive industry.

ISO 14001

ISO 9001

ISO 16949

DE AEOF 100652

Close to you – worldwide.

Do you have questions about a specific application, or would you just like to find out more? Use our experience and almost unlimited technical capabilities. We're always close to you.

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