



Compounding Technology

Your specialist for world-class custom designed compounds.

COMPO

Challenge

creates partnership

Inconspicuous at first glance, but always reliable and full of fascinating features: This is rubber! Our customers use rubber to make products for almost every area of daily life. Creating products that provide security, convenience, efficiency and long-lasting quality.

We are your partner in this epic journey to design exceptional compounds. With our technological competence, we understand the material down to the last detail - and can develop customized solutions for your application. We have proficiency with special challenges and the know-how to master them together.

We bring in our own ideas and create space for innovations. We see ourselves as a trustworthy partner in development who turns your visions into reality.

And so, in the end, we are like our material, inconspicuous at first glance, but always reliable and full of fascinating features.

**Welcome to
Continental Compounding Technology.**



UNENDING Technology

Developing ideas together

We are your partner for the development and production of individual rubber, silicone and special elastomer compounds. We have great insight into our customers' unique requirements. With over 2,000 compounding formulas, we offer maximum variety for the most diverse applications.

What makes us different from others?

We're all about combining our thinking to benefit you, finding solutions and contributing our own ideas, experience and expertise. Our chemists and engineers develop customized compounds for the most extreme requirements in terms of temperature, pressure, dynamic loads or resistance to weather and media. In our technical center, we adapt the compounds individually to your production, so that you can rely on maximum process stability and the reproducible quality of your production. Our compounds pass through state-of-the-art testing facilities, meet demanding norms and specifications, and they are manufactured according to uncompromising quality criteria. That is what our customers have relied on every single day for over 150 years.

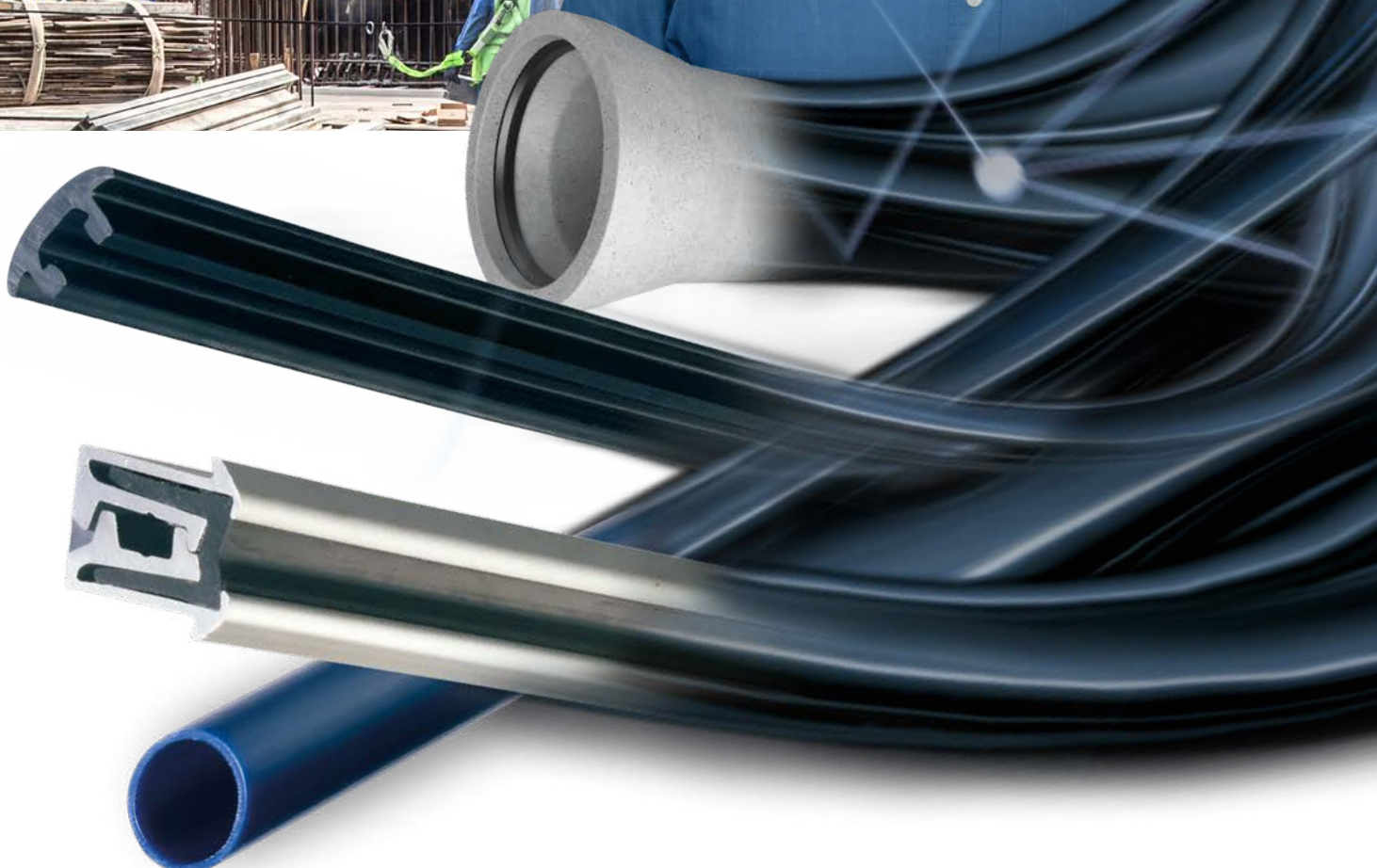




Know-how you can build on

Whether its molded, extruded or flat products, hoses or drive belts, air springs or seals, tires, engine mounts or bath mats - no matter which elastomer products you want to have produced. With over 2,000 recipes, we offer the widest possible choice for elastomer products and will work to make them a reality. Our customers include leading suppliers and manufacturers in the automotive and construction industry, as well as many other industrial sectors.





WE MIX
YOU WIN



Variety delivered individually

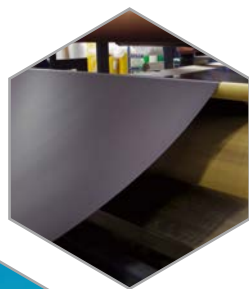
Cut to size or in one piece, we deliver as your production requires. Whether it's for further processing in extrusion plants, injection molding or compression molding processes, as a masterbatch or individually tailored, semi-finished products - we focus on your needs.

Our standard delivery forms include

- › Wig-Wag sheets on pallet (also perforated) in 40 mm (1.57"), 80 mm (3.15"), 120 mm (4.72"), 240 mm (9.45") and center cut
- › Endless stripes in pool box > 15 mm (0.59") width
- › Release agent-free sheets in thicknesses of > 4-12 mm (0.16"-0.47")
- › Calendered sheets in sheet and roll form, with foil interleaves, alternately powdered
- › Granules, 2-5 mm (0.08"-0.20")

Thanks to our global locations, we are in the market for the market. Our manufacturing facilities are flexible and can deliver compounds with short lead times. We have controlled raw material storage facilities that ensures you receive compounds that offer maximum process reliability.

Our rubber compounds are subject to strict production controls with state-of-the-art measuring and testing equipment. This strict adherence to quality standards enables our customers to produce rubber products, along with injection molded and calendered articles of the highest quality from the compounds.





Silicone compounds, perfectly cross-linked

For many special requirements, products made of solid silicone compounds (HTV) are often the first choice. This material can withstand temperatures from -94 F to 392 F. It has excellent electrical insulation properties and, thanks to its BfR and FDA suitability, offers a great deal of freedom in hygiene-sensitive production processes.

At our plant in Waltershausen (GER), we produce 2,000 tons of HTV annually for a wide range of applications. The manufacturing facility is strictly separated from the mixing plant in order to guarantee our customers a contamination-free HTV mixture.



Our portfolio includes HTV silicone compounds with the following features:

- › Molded parts 25-90 Shore A
- › Extrusion 60-80 Shore A, also DCLBP-free
- › Cable application 60-80 Shore A
- › Tear-resistant modified 30-70 Shore A
- › Highly-insulating 40-80 Shore A
- › Non-post curing 40-90 Shore A

All products are available on a peroxide- or addition-curing basis-and in 25 standard colors. Special colors are also available on request.

We supply our HTV compounds optionally as sheets with foil interlayer, as blocks for stuffer units, as endless stripes with silica coating or as calender sheets or on a roll, respectively.



Sustainability

Our mission

Sustainability – and thus above all climate protection – is not only a question of corporate responsibility for us, but more than anything an opportunity. That is because, with sustainable solutions, we increase the attractiveness and acceptance of the products that customers make with our compounds. In this way, sustainability opens up new potentials for us and above all for our customers.

That is why we are driving the economy's transformation with our products and services – in a shift toward a healthy ecosystem for sustainable mobility and industrial value creation. In doing so, we are reducing the level of environmental and social impact along the value chain. Our actions are guided by the Sustainable Development Goals (SDG) of the United Nations. On this basis, we have developed a purchasing guideline with which we contribute to the promotion of sustainably produced natural rubber and ensure transparency, as well as the consideration of ecological and social aspects in the supply chain.

In order to meet the expected growing demand for natural rubber, we research intensively on alternative raw materials as well as recycling and closed-loop concepts. These include polymers made from waste rubber or biomass, such as sugarcane-based EPDM.

Another approach to natural rubber is Taraxagum® from Russian dandelion plants. Russian dandelion can also be grown on existing agricultural land in temperate climates and thus contributes to significantly shorter distances for the transport of raw materials. We are also developing alternative materials for fillers; such as being pyrolysis carbon blacks, which we obtain from the thermal and chemical processing of old plastic and rubber parts.

As part of the Continental Group, we operate in a demanding operational framework with a de-carbonization strategy. By 2050 at the latest, we will make our company climate-neutral across the entire value chain. In addition, we want to establish closed resource and product cycles and thus make our contribution to 100% emission-free mobility and industry.



We strive for:



Climate neutrality

100% climate neutrality along our entire value chain (products, operational processes, supply chain).



Emission-free Mobility & Industry

100% emission-free mobility and industry.



Responsible value chain

100% responsible sourcing and business partnerships.



Circular economy

100% closed resource and product cycles.

Quality Basis for success



When you partner with Continental Compounding Technology, you are securing the know-how of more than 150 years of experience in rubber and plastics technology. Our rubber compounding expertise started in 1856 as a company that produced rubber shoes, hot water bottles and medical products in Hamburg-Harburg, and has grown over the decades into a leading manufacturer of rubber compounds. Today, we are a global creator of innovative product developments in practically all industries.

The backbone of our actions is uncompromising quality awareness. Quality is a value that is inherent in all our services - from material specification through product design and manufacturing processes, to the various services we offer. Every employee thinks and acts according to this quality standard.

Accordingly, our management systems are certified according to DIN EN 9001:2015, DIN ISO 14001:2015 (environment) and DIN ISO 50001:2011 (energy). Our compounds also meet the strictest DIN standards as well as the specifications of well-known manufacturers and renowned associations.

To ensure our quality standards, we have installed extensive test and inspection centers. We also offer this as an individual service. We test according to more than 5,000 national and international standards and specifications, as well as in-house methods. All it takes is the push of a button and the processing of a complete specification can begin - usually on the day an order is received.



**Certified
according to**

**DIN EN 9001:2015,
DIN ISO 14001:2015
(environment) and
DIN ISO 50001:2011
(energy)**



Global

Our locations

For us, partnership is also a question of proximity. That is why we are equipped with 9 state-of-the-art Compounding centers globally and are thus a partner that is truly at your side.



USA

- › Lincoln (NE)
- › Norfolk (NE)
- › Auburn (IN)

Mexico
San Luis Potosí

Germany

- › Hamburg-Harburg
- › Waltershausen
- › Hanover-Stöcken

China
Changshu

Hungary
Nyíregyháza



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