

Coroflex



***Keeping you
connected.***

*Innovative cable
solutions from Coroflex.*

Part of the **Coroplast**
group

Coroflex Customized Solutions

*Tailored to you based
on tried-and-tested concepts.*

All the new products presented here are developed and produced specially for your individual requirements. Our experts for cables and wires look forward to working with you to develop the perfect solution.

Simply contact us!



Coroflex data cables

Custom solutions for a wide variety of industrial applications

Coroflex ProfiNet

Our new product portfolio of **Coroflex ProfiNet communication cables** is developed and produced according to your individual preferences. Our **tailored data cables** satisfy all the requirements of **modern and innovative industrial applications and environments**. For example, our Coroflex ProfiNet communication cables **offer outstanding EMI shielding**, as well as reliable **HF transmission properties** – even under the most challenging electromagnetic conditions or mechanical loads, as present in drag chains, for example.

Coroflex Ethernet

In the future, our **Coroflex Ethernet communication cables** will round out our portfolio of Coroflex communication cables. New production technologies offer added value for our customers in terms of the innovative product characteristics of our SFTP Ethernet communication cables. Join us on the way to modern Industry 4.0 solutions.

Coroflex power cables

Flexible energy supply cable for static and dynamic applications.

In our new product portfolio of Coroflex power cables, we offer innovative solutions for supplying electrical energy with **voltages of up to 1,000 volts** and **operating temperatures of up to +80 °C (UL)**. As well as cables for classic static routing, we also offer drag-chain-compatible cables **for electric drive technologies, motor supply cables and other dynamic areas of application**, entirely according to your specific requirements. Coroflex power cables are available as multicore jacketed cables with a conductor cross section of up to 6.0 mm².

Coroflex servomotor cables

One Cable Technology (OCT) designed for drive and control drive systems.

Our hybrid OCT servomotor cables conveniently combine control functions with the electrical power supply of servomotors in one cable.

Multifunctional Coroflex servomotor cables enable the reliable control and supply of power to complex drives in **plant engineering, mechanical engineering and robotics** – precisely tailored to your individual areas of application. Our shielded and dielectric low-capacitance cable solutions are **UL-certified**. We currently offer cable cross sections of 0.14 mm² to 6.0 mm².

Follow the Green Line

Renewable materials, recycling and saving resources at Coroflex.

Biomass-balanced materials

We are gradually replacing the fossil materials in our products with renewable ones. Currently, we are working with our suppliers on an environmentally friendly alternative to thermoplastic polyurethane (TPU), which we use in cable extrusion or cable manufacturing.

Preserving and securing farmland

In the research and development of bio-based solutions for our products, we avoid raw materials that are made of foods, such as maize. This helps to preserve valuable farmland and secure the food supply.

Preventing waste

We already regranulate our plastic waste. This prevents waste and returns our high-quality materials to the production process.

Environmentally friendly production

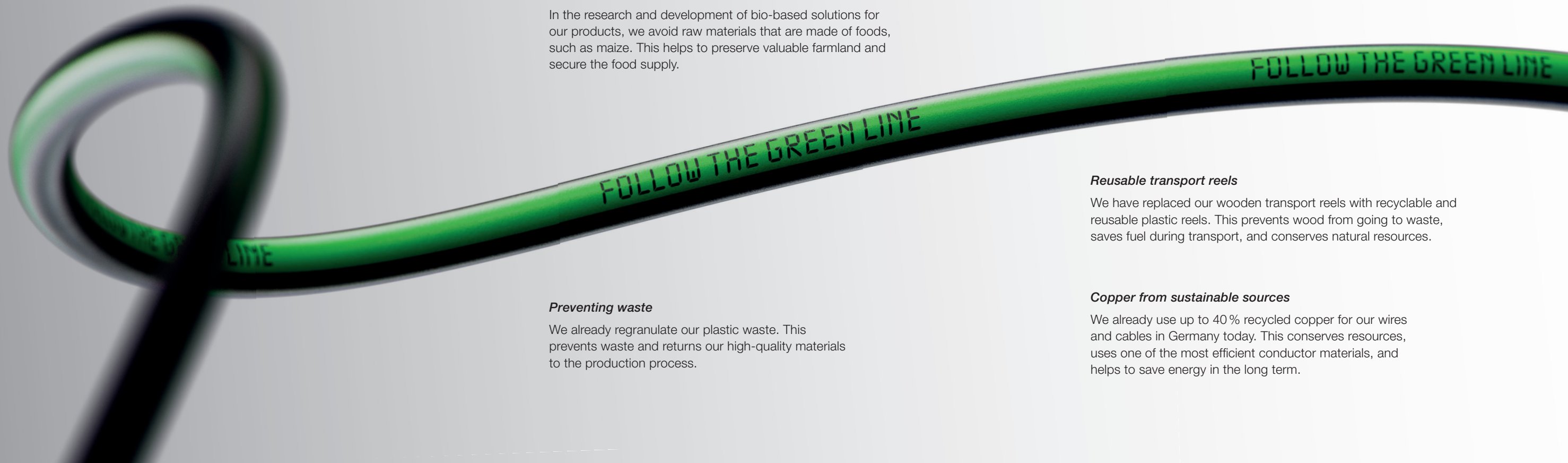
By largely avoiding the use of talcum powder in our products, we reduce air pollution, reduce the need for cleaning of our machines, and conserve water and human resources.

Reusable transport reels

We have replaced our wooden transport reels with recyclable and reusable plastic reels. This prevents wood from going to waste, saves fuel during transport, and conserves natural resources.

Copper from sustainable sources

We already use up to 40 % recycled copper for our wires and cables in Germany today. This conserves resources, uses one of the most efficient conductor materials, and helps to save energy in the long term.





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