

Coroflex

PRO-  
TECT

# Unleash the potential of Coroflex wires & cables ...

... for your electrified journey!

## A pioneer in electric mobility

Your satisfaction is our top priority, and we are committed to delivering solutions that exceed your expectations. Based on extensive experience our innovative development and customized solutions are the driver for trendsetting harnesses.

## Quality that moves

Quality is key to our commitment to enhance the lifespan and performance of our cables across all types of vehicles. Discover our products for your electrified application, state-of-the-art wheel arch, and high-speed data solutions.

## Globally networked, locally present

With locations in Wuppertal, Poland, USA, and China, we are always close to the needs of our customers.



# Reliable High-Voltage Cables

## product overview

Our cables stand for maximum safety and proven quality – trusted for years in mass production by leading automotive manufacturers and used across various mobility sectors.

Our cables are available as:

### Copper Cables

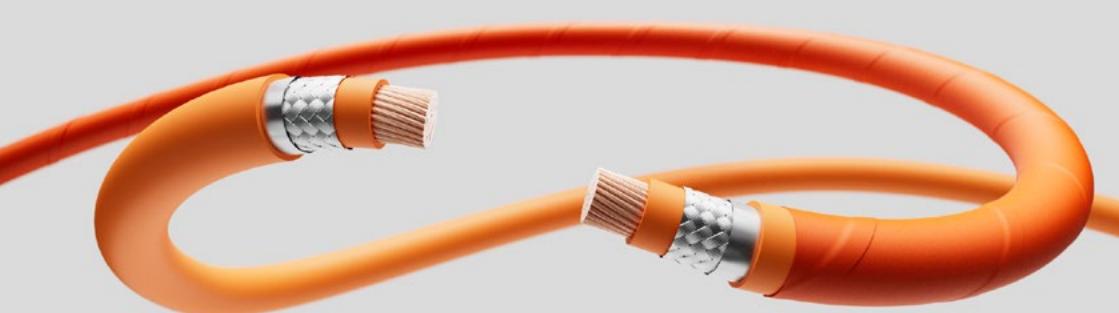
- › Single-core (shielded/unshielded):  
High conductivity and robustness – ideal for energy efficiency and EMC protection.  
Also available as a space-saving, actively cooled high voltage cable.
- › Multi-core (shielded/unshielded):  
Flexible, space-saving, high performance – ideal for complex systems.

### Aluminum Cables

- › Single-core (shielded/unshielded):  
Light-weight and cost-efficient – solid performance with reduced weight. Also available as a space-saving, actively cooled high voltage cable.

**We're more than just silicone – discover our thermoplastic sensor cables!**

Engineered for high bending and torsional dynamics, they deliver reliable performance in axle and wheel arch applications.





## Built for tough environments

Our specially protected cables offer robust protection against mechanical damage – during both installation and operation.

Delivered on a single spool: The well-known Coroflex cable, already fitted with protective tape from Coroplast Tape – ready for immediate use, no additional protection required.

Compliant with the established  
LV 216 standard

As well available  
according to  
ISO 19642  
gaining international relevance

First High-Voltage  
Cable supplier  
with DNV approval  
for maritime applications

# Protection through tape combinations

Each cable wrapping consists of two layers and is suitable for all cable types – regardless of design or application.

Optimized properties through targeted protection with Coroplast Tape solutions:

## **Coroplast 837 X or 832 MPX**

Increased abrasion resistance.

## **Coroplast 8579 X plus 837 X or 832 MPX**

Increased abrasion resistance and sound-damping.

## **Coroplast 512 plus 837 X or 832 MPX**

Increased abrasion resistance and chemical resistance, e.g. against battery acid.

# Your benefits of ProTect

- › Protection system available up to abrasion class G
- › No loss of proven cable flexibility, so even large cross-sections are easy to install
- › No loss of proven sealing properties, to protect the sealing function in HV-connectors
- › Weight and cost saving potential through effective utilization of the temperature class T180
- › No duplicate stock
- › Reduction in handling and logistics costs
- › Investments not necessary for separate taping machines
- › Increase in the degree of automation



**Further combinations**  
from Coroplast Tape  
available upon request.

# Locations worldwide



# Coroflex

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