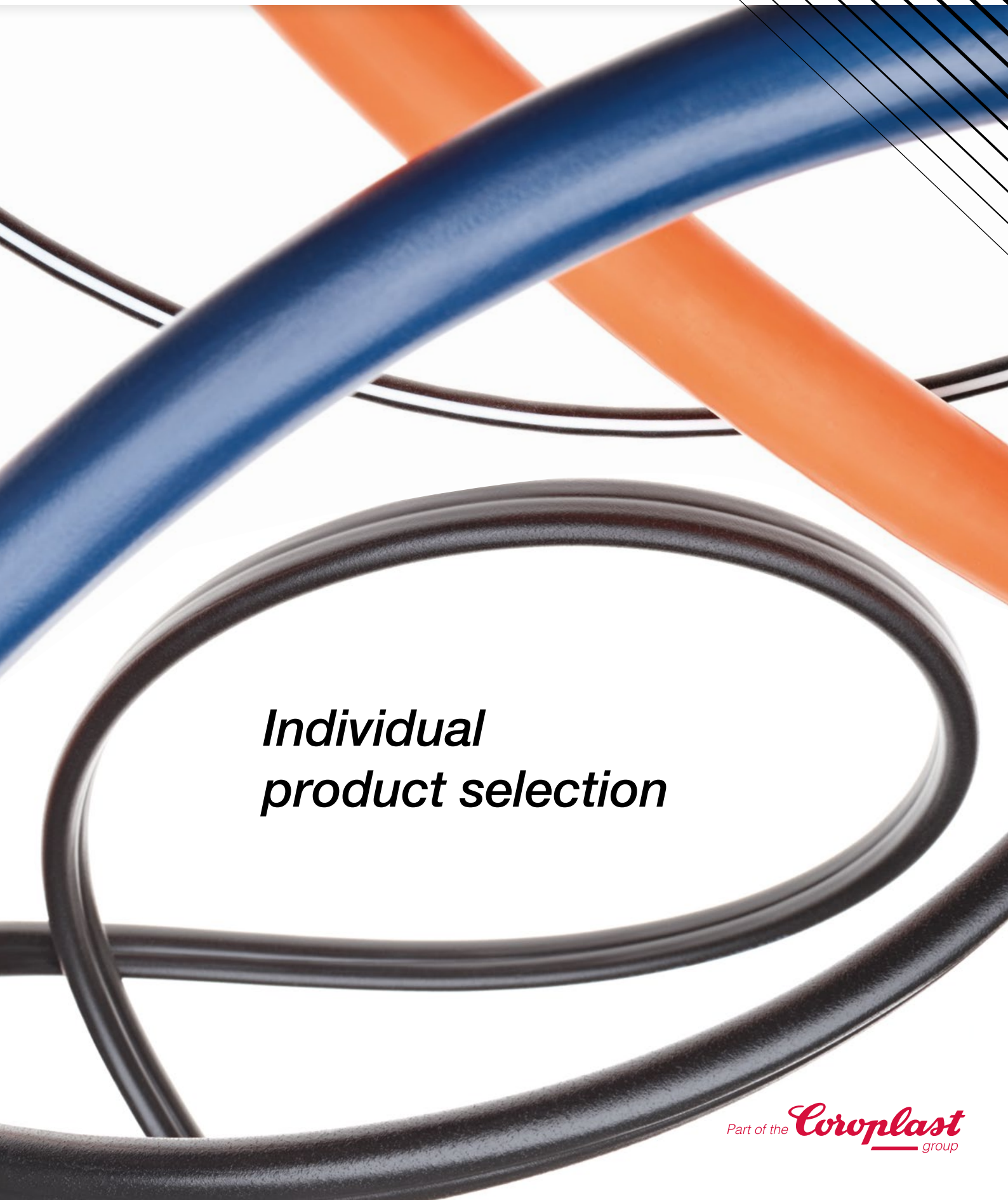
Coroflex



Individual product selection

Part of the Coroplast group

High-Voltage Cables COROFLEX 180HV SMC - FHLR2GCB2G n x 2,5 mm²

Shielded Multicore High-voltage Cables for Hybrid- and Battery Vehicles - Temperature Class +180 °C.

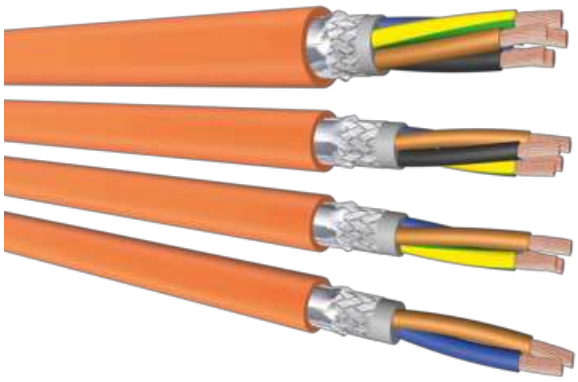
Applications

Shielded multi-core high voltage cables for hybrid and battery vehicles.

Coroflex high-voltage cables are suitable for nominal voltages of up to 600 volts a.c. / 1,000 volts d.c and withstand temperatures of up to 180 °C. All cables of our HV product family are characterized by a high degree of roundness, which simplifies the processing. In the further development of the high-voltage sheathed cables, great importance is attached to the processability by our customers. A filling layer over the core stranding ensures a circular substructure for the multi-core, shielded sheathed cables. The braided shield can thus be cut off with rotary cutting systems without risk of injury to the actual core insulation. In addition, there is no need for filling elements and separating foils, which are difficult to remove.

Characteristics

-
- Low Bending Radii
- Reliable Insulation Resistance
- Excellent Sealing Properties
- Talc-free Surfaces
- High Performance Silicone
- Weight Saving Potentials
- Ready for optimized Processing



High-voltage Copper Cables, Multi-Core, Shielded

Coroflex	CORES		CORE		OUTER SHEATH		RESISTANCE (d.c. 20 °C) (max.)		CABLE WEIGHT
TYPE NO.	NO.	SIZE	DIAMETER [mm]		DIAMETER [mm]		CONDUCTOR [mΩ/m]	SCREEN [mΩ/m]	approx. [g/m]
9-2641	2 x	2.5 mm²	3.00	-0.3	9.90	-0.6	7.8	6.5	160
9-2641	4 x	6.0 mm²	4.30	-0.3	15.10	-0.6	3.2	3.4	453
9-2641	3 x	6.0 mm²	4.30	-0.3	14.10	-0.6	3.2	3.4	390
9-2641	2 x	6.0 mm²	4.30	-0.3	12.80	-0.6	3.2	5.4	290
9-2641	5 x	4.0 mm²	3.70	-0.3	14.50	-0.6	4.8	3.2	410
9-2641	4 x	4.0 mm²	3.70	-0.3	13.30	-0.6	4.8	4.4	330
9-2641	3 x	4.0 mm²	3.70	-0.3	12.10	-0.6	4.8	5.3	268
9-2641	2 x	4.0 mm²	3.70	-0.3	11.30	-0.6	4.8	6.1	220

Coroflex	CORES		CORE		OUTER SHEATH		RESISTANCE (d.c. 20 °C) (max.)		CABLE WEIGHT
TYPE NO.	NO.	SIZE	DIAMETER [mm]		DIAMETER [mm]		CONDUCTOR [mΩ/m]	SCREEN [mΩ/m]	approx. [g/m]
9-2641	5 x	2.5 mm²	3.00	-0.3	12.10	-0.6	7.8	5.3	271
9-2641	4 x	2.5 mm²	3.00	-0.3	11.10	-0.6	7.8	7.0	223
9-2641	3 x	2.5 mm²	3.00	-0.3	10.40	-0.6	7.8	7.7	186
9-2641	5 x	6.0 mm²	4.30	-0.3	16.30	-0.6	3.2	3.1	540

EMEA region

Would you like to receive more information about our high-voltage and charging cables? You are welcome to contact us at any time.

Christian Eck

Key Account Manager

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