

FLEXICS® CHARGE SPIRAL 9111

TPE/PUR coilable battery cable

DESIGN



- 1 | Bare copper conductors, fine wires according to ISO 6722-1
- 2 | Core insulation of thermoplastic elastomer compound (TPE)
- 3 | Non-woven tape separation (optional)
- 4 | Special polyurethane (PUR) outer sheath, colour: black (RAL 9005), red (RAL 3000) or orange (RAL 2003)

APPLICATION

Our FLEXICS® CHARGE SPIRAL 9111 cables have been developed especially as charging cables for batteries, e.g. for fork lifts and are destined for processing into coiled cable assemblies.

TECHNICAL DATA



Standard:
acc. to ISO 6722-1 and ISO 14572 /
temperature class A



Rated voltage:
60 V (U₀/U)



Test voltage:
5000 V



Temperature range:
operating temperature: -40 °C up to 85 °C



Bending radius (min.):
12 x Ø of cable



Fire properties:
ISO 6722-1, ISO 14572, ISO 4141

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
FLEXICS® CHARGE SPIRAL 9111			
1 x 16	9.6	154	222
1 x 25	11.7	240	290
1 x 35	13.6	336	392

Technical changes reserved. All figures are therefore without guarantee.

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