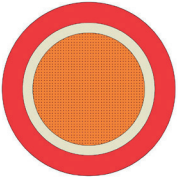


FLEXICS® CHARGE SPIRAL 9111



Coilable battery cable



DESIGN (EXAMPLE)

Conductor	bare copper conductors of fine wires in accordance with ISO 6722-1
Insulation	thermoplastic elastomer based on polyolefin (TPE-O)
Core colours	white nature
Separation	non-woven wrapping (optional)
Outer sheath	special polyurethane (PUR)
Colour	black (similar to RAL 9005), red (similar RAL 3000) or orange (similar RAL 2003)
Marking	Ink-Jet printing (white): FLEXICS® CHARGE SPIRAL 9111 < 1 > x < dimension > or according to the customer requirements

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.

SPECIAL FEATURES AND REMARKS

UV resistant.
Good resistance against oil and fluids, e.g. battery acid, etc., resistant against hydrolysis and microbes.
Coilable.

APPLICATION PARAMETERS



Standards:
according to ISO 6722-1 and ISO 14572,
temperature class A



Rated voltage
max. 60 V



Test voltage
5.000 V



Temperature range
-40 °C to +85 °C (class A)



Bending radius (min.)
12× outer diameter of the cable



Burning behaviour
acc. to ISO 6722-1 or ISO 14572 or ISO 4141

TABLE OF STANDARD ARTICLES

Dimension [N × mm ²]	Outer Ø [mm]	Copper index [kg/km]	Weight [kg/km]
1 × 16	9,6	154,0	222,0
1 × 25	11,7	240,0	290,0
1 × 35	13,6	336,0	392,0

Subject to technical changes. Errors and omissions excepted.