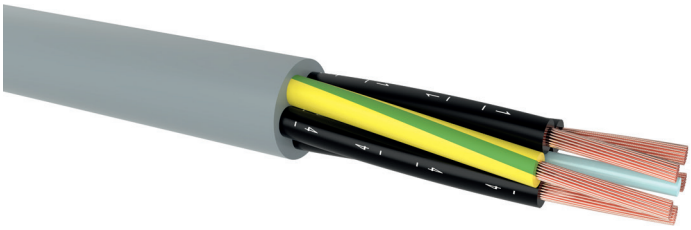
INDUSTRIAL CABLES SLOVAKIA

FLEXICS® SPIRAL 11

PVC/PUR multicore control cable, coilable

DESIGN



1 I Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
2 I Core insulation of special compound based on polyvinyl chloride (PVC)
3 I Cores are stranded in layers with optimal lay-length
4 I Mineral powder separation
5 I Special polyurethane (PUR) outer sheath, shiny finished, colour: grey (RAL 7001), other colours upon request

TECHNICAL DATA

Rated voltage:
300/500 V (Uo/U)

Test voltage:
core / core 4000 V / 50 Hz

Temperature range:
operating temperature: -5 °C up to 70 °C

Core identification:
colour coded or continuously numbered according to internal standards or customer requirements

APPLICATION

Our FLEXICS® SPIRAL 11 cables have been developed for indoor applications exposed to light or medium mechanical stress. They possess an increased resistance against a wide range of oils, greases, coolants and lubricants. They have a very good elasticity and offer more memory than its PVC alternative. Used mainly in households, lighting, mechanical and plant engineering. Further spiral processing possible.

Number of cores x nominal cross-section (mm^2)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
FLEXICS® SPIRAL 11			
2 x 0.75	5.7	14.4	42
3 G 0.75	6.1	21.6	52
4 G 0.75	6.7	28.8	65
5 G 0.75	7.3	36.0	78
7 G 0.75	8.0	50.0	98
12 G 0.75	10.1	86.4	166
18 G 0.75	12.2	129.6	237
2 x 1	6.1	19.2	49
3 G 1	6.6	28.8	64
4 G 1	7.1	38.4	78
5 G 1	7.6	48.0	94
7 G 1	8.5	67.0	117
12 G 1	11.0	115.2	204
18 G 1	13.1	172.8	286
2 x 1.5	6.5	29.0	62
3 G 1.5	7.1	43.0	79
4 G 1.5	7.5	57.6	105

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5 G 1.5	8.6	72.0	123
7 G 1.5	9.6	101.0	163
12 G 1.5	12.7	172.8	279
18 G 1.5	14.9	259.2	398
3 G 2.5	8.6	72.0	123
4 G 2.5	9.2	96.0	158
5 G 2.5	10.5	120.0	189

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