



ÖLFLEX® 100 I SY FR-LSH

Colour coded PVC power and control cable with steel wired braiding



Info

- Steel wire Braiding for extra mechanical protection, FR-LSH For reduced Halogen and Smoke

Benefits

- Extra mechanical protection due to braided steel wire
- High electrical performance due to 3 kV test voltage
- Protection of human life and the environment due to reduced smoke and low toxicity

Application range

- Plant engineering and installation, Industrial machinery
- Power circuit for Air conditioning installations
- Main power circuit to individual apartments

- Area with high mechanical stress
- Fixed installation

Product features

- Flame retardant: According to IEC 60332-1
- Low smoke and Low Halogen : As per data sheet

Product Make-up

- Conductor : Bare copper wires of fine strands
- Insulation : PVC Type A
- Inner Sheath : PVC Type ST1
- Copper braid with approx. 65% coverage
- Outer Sheath: PVC FR-LSH ST 1 Grey (RAL 7001)

Technical data

- Core identification code**
Coloured
- Conductor stranding**
Bare copper, fine wire strand class 5 in acc. to IS 8130-1984
- Minimum bending radius**
Occasional fixing Installation: 20 x OD, Fixed installation: 6 X Cable OD
- Nominal voltage**
UM : 1100, Up to and including 1100 V
- Temperature range**
-15°C up to +70°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® 100 I SY FR-LSH				
380300315	3 G 0.5	9.2	14.0	135
380300415	4 G 0.5	9.9	18.0	152
380310415	4 G 0.75	10.5	26.0	171
380320205	2 X 1.0	9.6	17.0	147
380330205	2 X 1.5	10.3	25.0	168
380330305	3 X 1.5	10.9	37.0	195
380330315	3 G 1.5	16.1	37.0	195
380330405	4 X 1.5	11.8	50.0	230
380330415	4 G 1.5	11.8	50.0	230
380340305	3 X 2.5	12.7	63.0	265
380340315	3 G 2.5	12.7	63.0	265
380340405	4 X 2.5	13.8	84.0	318
380340415	4 G 2.5	13.8	84.0	318
380350305	3 X 4	14.5	104.0	375
380350315	3 G 4	14.5	104.0	375
380350405	4 X 4	15.9	138.0	454
380350415	4 G 4	15.9	138.0	454
380350515	5 G 4	17.4	173.0	539
380360305	3 X 6	16.1	158.0	484
380360315	3 G 6	16.1	158.0	484
380360405	4 X 6	17.7	210.0	587
380360415	4 G 6	17.7	210.0	587
380360515	5 G 6	19.4	263.0	696
380361305	3 X 10	19.7	260.0	721
380361405	4 X 10	21.8	346.0	897
380361415	4 G 10	21.8	346.0	897
380362305	3 X 16	22.3	407.0	996
380362405	4 X 16	24.7	542.0	1,226
380362415	4 G 16	24.7	542.0	1,226
380363415	4 G 25	30.3	893.0	1,888
380365305	3 X 50	35.6	1,244.0	2,631
ÖLFLEX® 100 I SY FR-LSH UVAR				
380310435	4 G 0.75	10.5	26.0	171
380310535	5 G 0.75	11.3	33.0	206
380320435	4 G 1.0	10.9	34.0	201
380363535	5 G 25	33.6	1,117.0	2,282
380364325	3 X 35	30.7	886.0	1,900
380364435	4 G 35	34.1	1,181.0	2,374
380364535	5 G 35	37.8	1,476.0	2,884
380365335	3 G 50	35.6	1,244.0	2,631
380365435	4 G 50	39.6	1,659.0	3,306

• If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
 • Photographs are not to scale and do not represent detailed images of the respective products.

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 APPENDIX