



# 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 ST 1
- Steel wire 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 <sup>2</sup> per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
<b>ÖLFLEX® 100 I SY FR-LSH</b>					
380300205	2 X 0.5	8.8	grey	9.0	119.9
380300305	3 X 0.5	9.2	grey	14.0	135.2
380300315	3 G 0.5	9.2	grey	14.0	135.2
380300405	4 X 0.5	9.9	grey	18.0	152
380300415	4 G 0.5	9.9	grey	18.0	152
380300505	5 X 0.5	10.7	grey	23.0	169.2
380300515	5 G 0.5	10.7	grey	23.0	169.2
380310205	2 X 0.75	9.3	grey	13.0	137
380310305	3 X 0.75	9.7	grey	20.0	151.4
380310315	3 G 0.75	9.7	grey	20.0	151.4
380310405	4 X 0.75	10.5	grey	26.0	170.9
380310415	4 G 0.75	10.5	grey	26.0	170.9
380310505	5 X 0.75	11.3	grey	33.0	206.3
380310515	5 G 0.75	11.3	grey	33.0	206.3
380320205	2 X 1.0	9.6	grey	17.0	147
380320305	3 X 1.0	10.1	grey	26.0	163.5
380320315	3 G 1.0	10.1	grey	26.0	163.5
380320405	4 X 1.0	10.9	grey	34.0	200.5
380320415	4 G 1.0	10.9	grey	34.0	200.5
380320505	5 X 1.0	11.8	grey	43.0	225
380320515	5 G 1.0	11.8	grey	43.0	225
380330205	2 X 1.5	10.3	grey	25.0	168.1
380330305	3 X 1.5	10.9	grey	37.0	194.5
380330315	3 G 1.5	10.9	grey	37.0	194.5
380330405	4 X 1.5	11.8	grey	50.0	230.2
380330415	4 G 1.5	11.8	grey	50.0	230.2
380330505	5 X 1.5	12.8	grey	62.0	268.7
380330515	5 G 1.5	12.8	grey	62.0	268.7
380340205	2 X 2.5	12.0	grey	42.0	226.2
380340305	3 X 2.5	12.7	grey	63.0	265.2
380340315	3 G 2.5	12.7	grey	63.0	265.2
380340405	4 X 2.5	13.8	grey	84.0	318.3
380340415	4 G 2.5	13.8	grey	84.0	318.3
380340505	5 X 2.5	15.1	grey	105.0	372.6
380340515	5 G 2.5	15.1	grey	105.0	372.6
380350305	3 X 4.0	14.5	grey	104.0	375
380350315	3 G 4.0	14.5	grey	104.0	375
380350405	4 X 4.0	15.9	grey	138.0	454.3
380350415	4 G 4.0	15.9	grey	138.0	454.3
380350505	5 X 4.0	17.4	grey	173.0	538.6
380350515	5 G 4.0	17.4	grey	173.0	538.6
380360305	3 X 6.0	16.1	grey	158.0	484
380360315	3 G 6.0	16.1	grey	158.0	484.1
380360405	4 X 6.0	17.7	grey	210.0	587.2
380360415	4 G 6.0	17.7	grey	210.0	587.2
380360505	5 X 6.0	19.4	grey	263.0	696.1

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
380360515	5 G 6.0	19.4	grey	263.0	696.1
380361205	2 X 10.0	18.5	grey	173.0	596.1
380361305	3 X 10.0	19.7	grey	260.0	721.2
380361315	3 G 10.0	19.7	grey	260.0	721.2
380361405	4 X 10.0	21.8	grey	346.0	897.1
380361415	4 G 10.0	21.8	grey	346.0	897.1
380361505	5 X 10.0	24.0	grey	433.0	1,070.7
380361515	5 G 10.0	24.0	grey	433.0	1,070.7
380362305	3 X 16.0	22.3	grey	407.0	996
380362315	3 G 16.0	22.3	grey	407.0	996
380362405	4 X 16.0	24.7	grey	542.0	1,226
380362415	4 G 16.0	24.7	grey	542.0	1,226
380362505	5 X 16.0	27.3	grey	678.0	1,502.5
380362515	5 G 16.0	27.3	grey	678.0	1,502.5
380363305	3 X 25.0	27.3	grey	670.0	1,497.9
380363315	3 G 25.0	27.3	grey	670.0	1,497.9
380363405	4 X 25.0	30.3	grey	893.0	1,888
380363415	4 G 25.0	30.3	grey	893.0	1,888
380363505	5 X 25.0	33.6	grey	1,117.0	2,282.1
380363515	5 G 25.0	33.6	grey	1,117.0	2,282.1
380364305	3 X 35.0	30.7	grey	886.0	1,899.6
380364315	3 G 35.0	30.7	grey	886.0	1,899.6
380364405	4 X 35.0	34.1	grey	1,181.0	2,374.1
380364415	4 G 35.0	34.1	grey	1,181.0	2,374.1
380364505	5 X 35.0	37.8	grey	1,476.0	2,884
380364515	5 G 35.0	37.8	grey	1,476.0	2,884
380365305	3 X 50.0	35.6	grey	1,244.0	2,631.2
380365315	3 G 50.0	35.6	grey	1,244.0	2,631.2
380365405	4 X 50.0	39.6	grey	1,659.0	3,305.9
380365415	4 G 50.0	39.6	grey	1,659.0	3,305.9
<b>ÖLFLEX 100 I SY FR-LSH UVAR</b>					
380300225	2 X 0.5	8.8	grey	9.0	121
380300325	3 X 0.5	9.2	grey	14.0	136
380300335	3 G 0.5	9.2	grey	14.0	136
380300425	4 X 0.5	9.9	grey	18.0	153
380300435	4 G 0.5	9.9	grey	18.0	153
380300525	5 X 0.5	10.7	grey	23.0	170
380300535	5 G 0.5	10.7	grey	23.0	170
380310225	2 X 0.75	9.3	grey	13.0	138
380310325	3 X 0.75	9.7	grey	20.0	152
380310335	3 G 0.75	9.7	grey	20.0	152
380310425	4 X 0.75	10.5	grey	26.0	172
380310435	4 G 0.75	10.5	grey	26.0	172
380310525	5 X 0.75	11.3	grey	33.0	207
380310535	5 G 0.75	11.3	grey	33.0	207
380320225	2 X 1.0	9.6	grey	17.0	148
380320325	3 X 1.0	10.1	grey	26.0	165
380320335	3 G 1.0	10.1	grey	26.0	165
380320425	4 X 1.0	10.9	grey	34.0	202
380320435	4 G 1.0	10.9	grey	34.0	202
380320525	5 X 1.0	11.8	grey	43.0	226
380320535	5 G 1.0	11.8	grey	43.0	226
380330225	2 X 1.5	10.3	grey	25.0	169
380330325	3 X 1.5	10.9	grey	37.0	196
380330335	3 G 1.5	10.9	grey	37.0	196
380330425	4 X 1.5	11.8	grey	50.0	231
380330435	4 G 1.5	11.8	grey	50.0	231
380330525	5 X 1.5	12.8	grey	62.0	270
380330535	5 G 1.5	12.8	grey	62.0	270
380340225	2 X 2.5	12.0	grey	42.0	227
380340325	3 X 2.5	12.7	grey	63.0	266
380340335	3 G 2.5	12.7	grey	63.0	266
380340425	4 X 2.5	13.8	grey	84.0	319
380340435	4 G 2.5	13.8	grey	84.0	319
380340525	5 X 2.5	15.1	grey	105.0	374
380340535	5 G 2.5	15.1	grey	105.0	374
380350325	3 X 4.0	14.5	grey	104.0	376
380350335	3 G 4.0	14.5	grey	104.0	376
380350425	4 X 4.0	15.9	grey	138.0	455
380350435	4 G 4.0	15.9	grey	138.0	455
380350525	5 X 4.0	17.4	grey	173.0	540
380350535	5 G 4.0	17.4	grey	173.0	540
380360325	3 X 6.0	16.1	grey	158.0	485
380360335	3 G 6.0	16.1	grey	158.0	485
380360425	4 X 6.0	17.7	grey	210.0	588
380360435	4 G 6.0	17.7	grey	210.0	588
380360525	5 X 6.0	19.4	grey	263.0	697
380360535	5 G 6.0	19.4	grey	263.0	697
380361225	2 X 10.0	18.5	grey	173.0	597
380361325	3 X 10.0	19.7	grey	260.0	722
380361335	3 G 10.0	19.7	grey	260.0	722
380361425	4 X 10.0	21.8	grey	346.0	898
380361435	4 G 10.0	21.8	grey	346.0	898
380361525	5 X 10.0	24.0	grey	433.0	1,072
380361535	5 G 10.0	24.0	grey	433.0	1,072

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
380362325	3 X 16.0	22.3	grey	407.0	997
380362335	3 G 16.0	22.3	grey	407.0	997
380362425	4 X 16.0	24.7	grey	542.0	1,227
380362435	4 G 16.0	24.7	grey	542.0	1,227
380362525	5 X 16.0	27.3	grey	678.0	1,504
380362535	5 G 16.0	27.3	grey	678.0	1,504
380363325	3 X 25.0	27.3	grey	670.0	1,499
380363335	3 G 25.0	27.3	grey	670.0	1,499
380363425	4 X 25.0	30.3	grey	893.0	1,889
380363435	4 G 25.0	30.3	grey	893.0	1,889
380363525	5 X 25.0	33.6	grey	1,117.0	2,283
380363535	5 G 25.0	33.6	grey	1,117.0	2,283
380364325	3 X 35.0	30.7	grey	886.0	1,901
380364335	3 G 35.0	30.7	grey	886.0	1,901
380364425	4 X 35.0	34.1	grey	1,181.0	2,375
380364435	4 G 35.0	34.1	grey	1,181.0	2,375
380364525	5 X 35.0	37.8	grey	1,476.0	2,885
380364535	5 G 35.0	37.8	grey	1,476.0	2,885
380365325	3 X 50.0	35.6	grey	1,244.0	2,632
380365335	3 G 50.0	35.6	grey	1,244.0	2,632
380365425	4 X 50.0	39.6	grey	1,659.0	3,307
380365435	4 G 50.0	39.6	grey	1,659.0	3,307

Unless specified otherwise, the shown product values are nominal values at room temperature. You can receive further values, such as tolerances, upon request if they are available and have been released for publication.

Photographs are not to scale and do not represent detailed images of the respective products.