



**ÖLFLEX® 100 I FR-LSH**  
ISI marked PVC FR-LSH cable

**Info**

- ISI marked cable, FR-LSH For reduced Halogen and Smoke



**Benefits**

- Space-saving installation due to small cable diameter
- 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
- Dry or damp interiors under medium mechanical load conditions

- For fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load

**Product features**

- Flame retardant: According to IEC 60332-1 / IS 10810-53
- Low smoke and Low Halogen : As per data sheet

**Norm references / Approvals**

- IS:694:2010

**Product Make-up**

- Conductor : Bare copper wires of fine strands
- Insulation : PVC Type D
- Outer Sheath: PVC FR-LSH ST 3 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: 15 x cable OD, Fixed installation: 4 X Cable OD
- Nominal voltage**  
UM : 1100, Up to and including 1100 V in acc. to IS 694:2010
- Temperature range**  
-5°C up to +70°C

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
<b>ÖLFLEX® 100 I FR-LSH</b>				
380800205	2 X 0.5	6.1	9.0	58
380800315	3 G 0.5	6.4	14.0	66
380800415	4 G 0.5	7.0	18.0	79
380810205	2 X 0.75	6.5	13.0	68
380820205	2 X 1.0	6.8	17.0	76
380820315	3 G 1.0	7.2	26.0	90
380820415	4 G 1.0	7.9	34.0	108
380830205	2 X 1.5	7.4	25.0	94
380830305	3 X 1.5	7.8	37.0	111
380830315	3 G 1.5	7.8	37.0	111
380830415	4 G 1.5	8.8	50.0	141
380840205	2 X 2.5	9.0	42.0	138
380840305	3 X 2.5	9.6	63.0	166
380840315	3 G 2.5	9.6	63.0	166
380840405	4 X 2.5	10.5	84.0	203
380840415	4 G 2.5	10.5	84.0	203
380840505	5 X 2.5	11.5	105.0	243
380840515	5 G 2.5	11.5	105.0	243
380850305	3 X 4	11.1	104.0	247
380850315	3 G 4	11.1	104.0	247
380850405	4 X 4	12.2	138.0	303
380850415	4 G 4	12.2	138.0	303
380860305	3 X 6	12.8	158.0	345
380860315	3 G 6	12.8	158.0	345
380860405	4 X 6	14.1	210.0	425
380860415	4 G 6	14.1	210.0	425
380860505	5 X 6	15.7	263.0	522
380860515	5 G 6	15.7	263.0	522
380861315	3 G 10	16.2	260.0	556
380861405	4 X 10	17.9	346.0	688
380861505	5 X 10	19.7	433.0	830
380862315	3 G 16	18.4	407.0	771
380862405	4 X 16	20.3	542.0	963
380862415	4 G 16	20.3	542.0	963
380863405	4 X 25	25.3	893.0	1,537
380863415	4 G 25	25.3	893.0	1,537
380864405	4 X 35	28.7	1,181.0	1,967
380865405	4 X 50	33.9	1,659.0	2,793
<b>ÖLFLEX® 100 I FR-LSH UVAR</b>				
380830335	3 G 1.5	7.8	37.0	111
380840225	2 X 2.5	9.0	42.0	138

• 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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