



ÖLFLEX® 100 I
ISI marked PVC cable

i Info

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Benefits

- Space-saving installation due to small cable diameter
- High electrical performance due to 3 kV test voltage

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

Norm references / Approvals

- IS:694:2010

Product Make-up

- Conductor : Bare copper wires of fine strands
- Insulation : PVC Type D
- Outer Sheath: PVC ST 3 Grey (RAL 7001)

Technical data

Core identification code
Coloured

Based on
in acc. to IS 694

Conductor stranding
Bare copper, fine wire strand class 5 in acc. to IS 8130-1984

Minimum bending radius
Occasional flexing 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 ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® 100 I					
38007034	2 X 0.5	6.1	grey	9.0	49
38007035	3 G 0.5	6.5	grey	14.0	58
38007036	4 G 0.5	7.4	grey	18.0	74
38007042	2 X 0.75	7.1	grey	13.0	66
38007043	3 G 0.75	7.3	grey	20.0	71
38007045	4 G 0.75	7.9	grey	26.0	88
38007053	2 X 1.0	7.0	grey	17.0	68
38007054	3 G 1.0	7.4	grey	26.0	80
38007055	4 G 1.0	8.5	grey	34.0	104
38007064	2 X 1.5	8.1	grey	25.0	91
38007065	3 G 1.5	8.6	grey	37.0	110
38007066	4 G 1.5	9.8	grey	50.0	141
38007067	5 X 1.5	10.7	grey	62.0	166
38007074	2 X 2.5	9.2	grey	42.0	126
38007075	3 G 2.5	10.0	grey	63.0	159
38007076	4 G 2.5	11.3	grey	84.0	203
38007077	5 X 2.5	12.4	grey	105.0	241
38007081	2 X 4.0	10.4	grey	69.0	195.3
38007082	3 G 4.0	12.1	grey	104.0	243
38007083	4 G 4.0	13.5	grey	138.0	302
38000997	5 X 4.0	14.8	grey	173.0	358.6
38007092	3 G 6.0	13.1	grey	158.0	311
38007093	4 G 6.0	14.5	grey	210.0	390
38001015	5 X 6.0	16.2	grey	263.0	474
38007094	3 G 10.0	16.9	grey	260.0	648
38007095	4 G 10.0	18.8	grey	346.0	762
38001016	5 X 10.0	21.0	grey	433.0	789.2
38007096	3 G 16.0	21.6	grey	407.0	1,008.4
38007097	4 G 16.0	19.2	grey	542.0	762
38001017	5 X 16.0	21.6	grey	678.0	997
38001018	3 G 25.0	24.5	grey	670.0	1,160.8
38009040	4 G 25.0	27.2	grey	893.0	1,461
38001019	5 X 25.0	30.5	grey	1,117.0	1,803.2
38001020	3 G 35.0	26.7	grey	885.5	1,456.5
38007084	4 G 35.0	29.9	grey	1,181.0	1,850
38001021	5 X 35.0	33.5	grey	1,476.0	2,281
38001022	3 G 50.0	31.5	grey	1,244.0	2,130
38001023	4 G 50.0	35.0	grey	1,659.0	2,730
38007068	3 G 1.5	8.6	black	37.0	110
38007078	3 G 2.5	10.0	black	63.0	159

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 available and have been released for publication.

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