



ÖLFLEX® 100 I

ISI marked PVC cable



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)

Info

- ISI marked cable

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**
-15°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	6.0	grey	9.0	55
38007035	3 G 0.5	6.3	grey	14.0	64
38007036	4 G 0.5	6.8	grey	18.0	76
38007042	2 X 0.75	6.4	grey	13.0	65
38007043	3 G 0.75	6.7	grey	20.0	77
38007045	4 G 0.75	7.3	grey	26.0	92
38007053	2 X 1.0	6.7	grey	17.0	73
38007054	3 G 1.0	7.1	grey	26.0	87
38007055	4 G 1.0	7.7	grey	34.0	105
38007064	2 X 1.5	7.4	grey	25.0	90
38007065	3 G 1.5	7.8	grey	37.0	108
38007066	4 G 1.5	8.8	grey	50.0	137
38007067	5 X 1.5	9.6	grey	62.0	162
38007074	2 X 2.5	8.8	grey	42.0	133
38007075	3 G 2.5	9.3	grey	63.0	162
38007076	4 G 2.5	10.3	grey	84.0	198
38007077	5 X 2.5	11.3	grey	105.0	238
38007081	2 X 4	10.4	grey	69.0	195
38007082	3 G 4	11.1	grey	104.5	241
38007083	4 G 4	12.2	grey	138.0	297
38000997	5 X 4	13.5	grey	173.0	365
38007092	3 G 6	12.6	grey	158.0	336
38007093	4 G 6	14.0	grey	210.0	416
38001015	5 X 6	15.7	grey	263.0	512
38007094	3 G 10	15.8	grey	260.0	542
38007095	4 G 10	17.7	grey	346.0	674
38001016	5 X 10	19.7	grey	433.0	815
38007096	3 G 16	18.2	grey	407.0	754
38007097	4 G 16	20.3	grey	542.0	946
38001017	5 X 16	22.7	grey	678.0	1,164
38001018	3 G 25	22.7	grey	670.0	1,189
38009040	4 G 25	25.3	grey	893.0	1,511
38001019	5 X 25	28.2	grey	1,117.0	1,854
38001020	3 G 35	25.7	grey	855.5	1,522
38007084	4 G 35	28.7	grey	1,181.0	1,935
38001021	5 X 35	32.0	grey	1,476.0	2,366
38001022	3 G 50	30.0	grey	1,244.0	2,183
38001023	4 G 50	33.5	grey	1,659.0	2,748
38007068	3 G 1.5	7.8	black	37.0	108
38007078	3 G 2.5	9.3	black	63.0	162

• 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.