



DATA SHEET	3800....
ÖLFLEX® 100 I	valid from : 29.10.2014

Application

ÖLFLEX® 100 I cables are Power and control cables for fixed and flexible installation for industrial use. They are for use in dry, damp and wet atmosphere. At room temperature they are generally resistant against acids, caustics solution and certain oils. ÖLFLEX® 100 I cables are used in machine tool application, plant engineering, in panels, in heating and air conditioning installations etc. Suitable for freely moved without forced guidance and tensile stress.

Technical data

Cable Design	:	IS 694:2010
Conductor	:	Bare copper, fine wire strand class 5 in acc. to IS 8130-1984/IEC 60228
Core insulation	:	PVC type D compound as per IS 5831-1984 with additional LAPP special properties
Identification	:	Color coded (As per IS 694:2010) 2 core : Red, Black 3 core (with G/Y): Red, Black, G/Y 3 core (w/o G/Y): Red, Yellow, Blue 4 core (with G/Y): Red, Yellow, Blue, G/Y 4 core (w/o G/Y): Red, Yellow, Blue, Black 5 Core (w/o G/Y): Red, Yellow, Blue, Black, Grey 5 Core (with G/Y): Yellow, Blue, Green, White, G/Y
Outer sheath	:	PVC type ST3 as per IS 5831-1984 with additional LAPP special properties
Outer sheath color	:	GREY (RAL 7001)
Nominal voltage	:	Up to and including 1100 V in acc. to IS 694:2010
Test voltage	:	3000 V AC in acc. to IS 694:2010
Temp. range	:	Up to +70°C
Min. bending radius	:	Occasional flexing installation: 15 x cable OD Fixed installation: 4 X Cable OD
Flame retardant	:	In acc. IS 10810-53/IEC 60332.1
Testing Method	:	In acc. IS 694:2010

Prepared By P.N.Aithal	Checked By Shiva Kumar	Approved By Prasad S.N	Rev. No. 1	Détails of Change/Dt. : Printing details included
Date :29.10.2014	Date :29.10.2014	Date :29.10.2014	Date :03.09.2015	

LAPP INDIA PVT. LTD., Plot no.98, J&K, Jigani Industrial Area, II Phase, Bangalore South-560105.
Ph: (08110)304800-03, Fax(080) 27825479, www.lappindia.com

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Printing :

LAPP KABEL STUTTGART ÖLFLEX® 100 I <CROSS-SECTION> 1100 V <CM/L No> <IS LOGO> IS 694

Sl.No	Article No.	Description	Cable Diameter in mm (Approx)
1	38007034	ÖLFLEX® 100 I 2 x 0.50 GY	6.00
2	38007035	ÖLFLEX® 100 I 3 G 0.50 GY	6.30
3	38007036	ÖLFLEX® 100 I 4 G 0.50 GY	6.80
4	38007042	ÖLFLEX® 100 I 2 x 0.75 GY	6.40
5	38007043	ÖLFLEX® 100 I 3 G 0.75 GY	6.70
6	38007045	ÖLFLEX® 100 I 4 G 0.75 GY	7.30
7	38007053	ÖLFLEX® 100 I 2 x 1.00 GY	6.70
8	38007054	ÖLFLEX® 100 I 3 G 1.00 GY	7.10
9	38007055	ÖLFLEX® 100 I 4 G 1.00 GY	7.70
10	38007064	ÖLFLEX® 100 I 2 x 1.50 GY	7.40
11	38007065	ÖLFLEX® 100 I 3 G 1.50 GY	7.80
12	38007068*	ÖLFLEX® 100 I BLACK 3 G 1.5	7.80
13	38007066	ÖLFLEX® 100 I 4 G 1.50 GY	8.80
14	38007067	ÖLFLEX® 100 I 5 x 1.50 GY	9.60
15	38007074	ÖLFLEX® 100 I 2 x 2.50 GY	8.80
16	38007075	ÖLFLEX® 100 I 3 G 2.50 GY	9.30
17	38007078*	ÖLFLEX® 100 I BLACK 3 G 2.5	9.30
18	38007076	ÖLFLEX® 100 I 4 G 2.50 GY	10.30
19	38007077	ÖLFLEX® 100 I 5 x 2.50 GY	11.30
20	38007082	ÖLFLEX® 100 I 3 G 4 GY	11.10
21	38007083	ÖLFLEX® 100 I 4 G 4 GY	12.20
22	38000997	ÖLFLEX® 100 I 5 x 4 GY	13.50
23	38007092	ÖLFLEX® 100 I 3 G 6 GY	12.60
24	38007093	ÖLFLEX® 100 I 4 G 6 GY	14.00
25	38001015	ÖLFLEX® 100 I 5 x 6 GY	15.70
26	38007094	ÖLFLEX® 100 I 3 G 10 GY	15.80
27	38007095	ÖLFLEX® 100 I 4 G 10 GY	17.70
28	38001016	ÖLFLEX® 100 I 5 x 10 GY	19.70
29	38007096	ÖLFLEX® 100 I 3 G 16 GY	18.20

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30	38007097	ÖLFLEX® 100 I 4 G 16 GY	20.30
31	38001017	ÖLFLEX® 100 I 5 x 16 GY	22.70
32	38001018	ÖLFLEX® 100 I 3 G 25 GY	22.70
33	38009040	ÖLFLEX® 100 I 4 G 25 GY	25.30
34	38001019	ÖLFLEX® 100 I 5 x 25 GY	28.20
35	38001020	ÖLFLEX® 100 I 3 G 35 GY	25.70
36	38007084	ÖLFLEX® 100 I 4 G 35 GY	28.70
37	38001021	ÖLFLEX® 100 I 5 x 35 GY	32.00
38	38001022	ÖLFLEX® 100 I 3 G 50 GY	30.00
39	38001023	ÖLFLEX® 100 I 4 G 50 GY	33.50

Example:-

1. 38001023 ÖLFLEX 100 I 4G 50 GY ---- OUTER SHEATH COLOR- GREY
2. 38001023X ÖLFLEX 100 I 4 X 50 GY ---- OUTER SHEATH COLOR- GREY
3. 38001023BK ÖLFLEX 100 I 4G 50 BK ---- OUTER SHEATH COLOR- BLACK
4. 38001023XBK ÖLFLEX 100 I 4 X 50 BK ---- OUTER SHEATH COLOR- BLACK

FOR OTHER OUTER SHEATH COLORS, ARTICLES ENDS AS SHOWN BELOW:-

“BU”- BLUE, “RD”-RED....ETC

Note:- Above printing is not applicable for 5 x 6 sq.mm onwards.

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