


U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>ÖLFLEX® CLASSIC 100 YELLOW</b>	14.11.2013

Yellow outer sheath for special warning purposes  
High electrical performance due to 4 kV test voltage



Good chemical resistance



Torsion-resistant

#### Info

For warning purposes

#### Application range

For electrical circuits that remain 'live' after the main switch has been disconnected  
Service sockets and illumination circuits in electrical switchboards and cabinets  
Suitable for torsional applications which are typical for the loop in wind turbine generators (WTG)

#### Design

Fine-wire strand made of bare copper wires  
PVC insulation LAPP P8/1  
PVC outer sheath, yellow (RAL 1016)

#### Norm references / Approvals

Based on IEC 60227-5 and EN 50525-2-51

#### Product features

Flame-retardant according IEC 60332-1-2  
Good chemical resistance, see catalogue appendix T1

#### Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.


Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: coil  $\leq$  30 kg or  $\leq$  250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

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

Product Management	Document: LAPP_PRO2EN.pdf	1 / 3
--------------------	---------------------------	-------

U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>ÖLFLEX® CLASSIC 100 YELLOW</b>	<b>14.11.2013</b>

### Technical Data

Core identification code:	VDE 0293-308, refer to Appendix T9
Classification:	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Specific insulation resistance:	> 20 GOhm x cm
Conductor stranding:	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Torsion movement in WTG:	TW-0 & TW-1, refer to Appendix T0
Minimum bending radius:	Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage:	U <sub>0</sub> /U: 450/750 VAC In protected and fixed installations: U <sub>0</sub> /U: 600/1000 V
Test voltage:	4000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Temperature range:	Occasional flexing: -5 °C to +70 °C Fixed installation: -40 °C to +80 °C

Product Management	Document: LAPP_PRO2EN.pdf	2 / 3
--------------------	---------------------------	-------



**ÖLFLEX® CLASSIC 100 YELLOW**

14.11.2013

Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® CLASSIC 100 YELLOW; U <sub>0</sub> /U: 450/750 V				
0010400	3 G 1,5	8,1	43.0	95
00104023	4 G 1,5	8,9	58.0	117
00104033	5 G 1,5	10.0	72.0	144
0010401	3 G 2,5	9,6	72.0	152
00104043	4 G 2,5	10,7	96.0	205
00104053	5 G 2,5	11,8	120.0	225