

U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>ÖLFLEX® 550 P*</b>	14.11.2013

PUR power cords with European harmonisation (HAR)

Harmonised use in Europe

Increased durability under harsh conditions thanks to robust PUR outer sheath

Resistant to contact with many mineral oil-based lubricants, diluted acids, aqueous alkaline solutions and other chemical media

Wide temperature range for applications in harsh climatic environments

The signal colour of the outer sheath increases safety and visual perception



Suitable for outdoor use



Cold-resistant



Mechanical resistance



Oil-resistant

#### Info

High mechanical strength

Good oil resistance

H05BQ-F/H07BQ-F design standard

#### Application range

Portable handheld electrical devices such as drills, sanders, jig saws or grinders

Building sites, camp sites, stage applications

Construction machinery

Agricultural equipment

For indoor and outdoor use

#### Design

Fine-wire strand made of bare copper wires


Core insulation: rubber compound

Cores twisted together

PUR outer sheath

Sheath colour: orange

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### Norm references / Approvals

EN 50525-2-21  
H05BQ-F/H07BQ-F design standard

### Product features

Oil-resistant  
Abrasion and notch-resistant  
Flexible down to -40 °C  
Resistant to hydrolysis and microbes

### 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).

\* Trade product, no Lapp product

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

### Technical Data

Core identification code:	Colours according to VDE 0293-308, refer to Appendix T9
Specific insulation resistance:	> 10 GOhm x cm
Conductor stranding:	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Minimum bending radius:	For flexible use: 12.5 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage:	Up to 1.0 mm <sup>2</sup> : U <sub>0</sub> /U: 300/500 V From 1.5 mm <sup>2</sup> : U <sub>0</sub> /U: 450/750 V
Test voltage:	3000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Temperature range:	Occasional flexing: -40 °C to +90 °C Fixed installation: -50 °C to +90 °C

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Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® 550 P U <sub>0</sub> /U: 300/500 V				
0013600	2 X 0,75	5,7 - 7,4	14.4	50
0013601	3 G 0,75	6,2 - 8,1	21.6	64
00136023	4 G 0,75	6,8 - 8,8	28.8	78
00136033	5 G 0,75	7,6 - 9,9	36.0	98
0013610	2 X 1,0	6,1 - 8	19.2	60
0013611	3 G 1,0	6,5 - 8,5	29.0	74
00136123	4 G 1,0	7,1 - 9,3	38.4	92
00136133	5 G 1,0	8 - 10,3	48.0	114
ÖLFLEX® 550 P U <sub>0</sub> /U: 450/750 V				
0013620	2 X 1,5	7,6 - 9,8	29.0	87
0013621	3 G 1,5	8 - 10,4	43.0	108
00136223	4 G 1,5	9 - 11,6	58.0	137
00136233	5 G 1,5	9,8 - 12,7	72.0	165
0013630	2 X 2,5	9 - 11,6	48.0	90
0013631	3 G 2,5	9,6 - 12,4	72.0	161
00136323	4 G 2,5	10,7 - 13,8	96.0	206
00136333	5 G 2,5	11,9 - 16,3	120.0	254