

## ÖLFLEX® 500 P

Flexible, abrasion-, oil- and cold-resistant workshop cable with PUR outer sheath

ÖLFLEX® 500 P - PUR power cable with highly flexible conductors and high mechanical strength for durable and oil resistant application with handheld equipment.

### Info

High mechanical strength

Good oil resistance

Extra flexible conductor design



Oil-resistant



Mechanical resistance



Halogen-free



Suitable for outdoor use



Cold-resistant



Last Update (11.05.2018)

©2018 Lapp Group - Technical changes reserved

Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## ÖLFLEX® 500 P

### Benefits

Increased durability under harsh conditions thanks to robust PUR outer sheath material  
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  
High flexibility simplifies installation when space is at a premium and use with electrical handheld devices  
The signal colour of the outer sheath increases safety and visual perception

### Application range

Portable handheld electrical devices such as drills, sanders, jig saws or grinders  
Portable devices for the home and garden  
Connection and extension cables

### Product features

Resistant to oil and drilling fluids according to IEC 61892-4, Appendix D  
Abrasion and notch-resistant  
Flexible down to -40 °C  
Halogen-free and flame-retardant  
(IEC 60332-1-2)  
Resistant to hydrolysis and microbes

### Norm references / Approvals

Based on VDE 0285  
Suitable for use in fresh water down to 10 m depth at max. water temperature of +40 °C according to EN 50565-2

### Product Make-up

Extra-fine wire strand made of bare copper  
Core insulation: TPE compound  
Cores twisted together  
PUR outer sheath  
Sheath colour: orange

### Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC001578 ETIM 6.0 Class-Description: Flexible cable
Core identification code:	Colours according to VDE 0293-308, refer to Appendix T9
Conductor stranding:	Extra-fine wire acc. to VDE 0295, class 6/ IEC 60228 class 6
Minimum bending radius:	Occasional flexing: 10 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage:	U0/U: 300/500 V
Test voltage:	3000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Temperature range:	Occasional flexing: -40 °C to +80 °C Fixed installation: -50 °C to +80 °C

Last Update (11.05.2018)

©2018 Lapp Group - Technical changes reserved

Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## ÖLFLEX® 500 P

### Note

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

Copper price basis: EUR 150/100 kg. 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 and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

**ÖLFLEX® 500 P**

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® 500 P				
0012345	2 X 1.0	7.2	19.5	64
0012346	3 G 1.0	7.6	29	77
00123473	4 G 1.0	8.5	38.4	96
00123483	5 G 1.0	9.2	48	120
0012351	2 X 1.5	8	29	81
0012352	3 G 1.5	8.7	43	105.3
00123543	4 G 1.5	9.6	58	135
00123533	5 G 1.5	10.8	72	158.9
0012365	3 G 2.5	10.9	72	173.2
00123553	4 G 2.5	11.9	96	204
00123663	5 G 2.5	13.2	120	254

Last Update (11.05.2018)

©2018 Lapp Group - Technical changes reserved

 Product Management [www.lappkabel.de](http://www.lappkabel.de)

 You can find the current technical data in the corresponding data sheet.  
 PN 0456 / 02\_03\_16