

## 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



Suitable for outdoor use



Halogen-free



Cold-resistant



Mechanical resistance



Oil-resistant



### 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

Last Update (22.09.2021)

©2021 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

### 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

### 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 ≤ 30 kg or ≤ 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.

Last Update (22.09.2021)

©2021 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

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

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)
ÖLFLEX® 500 P			
0012345	2 X 1.0	6.8	19.5
0012346	3 G 1.0	7.2	29
00123473	4 G 1.0	8.1	38.4
00123483	5 G 1.0	8.9	48
0012351	2 X 1.5	7.6	29
0012352	3 G 1.5	8.3	43
00123543	4 G 1.5	9.3	58
00123533	5 G 1.5	10.4	72
0012365	3 G 2.5	10.4	72
00123553	4 G 2.5	11.4	96
00123663	5 G 2.5	12.8	120

Last Update (22.09.2021)

©2021 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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Ribbon Cables / IDC Cables](#) category:*

*Click to view products by [Lapp Kabel](#) manufacturer:*

Other Similar products are found below :

[FSK-12A](#) [AWG28-10G](#) [EHJ3C](#) [EHJ4C](#) [FSP-25A](#) [cab-LVDV-DAT-34-15](#) [49635-C62-S2](#) [1-3636-600-5204](#) [92315-1408](#) [426171120-3](#) [2-1589735-3](#) [JSM015PP2DCC23N](#) [92301-0283](#) [ACL-eSSI-2](#) [92301-0718](#) [MMSDT-06-20-S-05.5-D-K-LDX](#) [IDD-04-G](#) [NM-2J2-051-PS1-JJAB](#) [1700/26SF \(100FT\)](#) [1700/34SF \(100FT\)](#) [3801/09 \(100FT\)](#) [S30109](#) [96053-0000-00-0](#) [NM-2J2-065-SS1-JJ00-272](#) [7940098862](#) [IDMD-13-D-07.87](#) [166466](#) [HQCD-030-40.00-TTL-SBL-1-N](#) [HDR-201768-01-PCIEC](#) [DS1052-082B2NA201501](#) [DS1052-102B2NA201501](#) [DS1052-122B2MA201501](#) [DS1052-122B2NA201501](#) [DS1052-262B2NA201501](#) [DS1052-302B2MA201501](#) [DS1052-302B2MA203001](#) [DS1052-302B2MA206001](#) [DS1052-302B2NA201501](#) [DS1052-302B2NA203001](#) [DS1052-302B2NA206001](#) [DS1052-342B2MA201501](#) [DS1052-342B2MA203001](#) [DS1052-342B2NA201501](#) [DS1052-342B2NA203001](#) [DS1052-342B2NA206001](#) [DS1052-402B2MA201501](#) [DS1052-402B2MA203001](#) [DS1052-402B2MA206001](#) [DS1052-402B2NA201501](#) [DS1052-402B2NA203001](#)