

## 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

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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<br>ETIM 5.0 Class-Description: Flexible cable         |
| Classification ETIM 6:    | ETIM 6.0 Class-ID: EC001578<br>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<br>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<br>X = without protective conductor           |
| Temperature range:        | Occasional flexing: -40 °C to +80 °C<br>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.

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## ÖLFLEX® 500 P

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

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| Article number | Number of cores and mm² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|----------------|---------------------------------------|---------------------|----------------------|----------------|
| ÖLFLEX® 500 P  |                                       |                     |                      |                |
| 0012345        | 2 X 1.0                               | 6.8                 | 19.5                 | 64             |
| 0012346        | 3 G 1.0                               | 7.2                 | 29                   | 77             |
| 00123473       | 4 G 1.0                               | 8.1                 | 38.4                 | 96             |
| 00123483       | 5 G 1.0                               | 8.9                 | 48                   | 120            |
| 0012351        | 2 X 1.5                               | 7.6                 | 29                   | 81             |
| 0012352        | 3 G 1.5                               | 8.3                 | 43                   | 105.3          |
| 00123543       | 4 G 1.5                               | 9.3                 | 58                   | 135            |
| 00123533       | 5 G 1.5                               | 10.4                | 72                   | 158.9          |
| 0012365        | 3 G 2.5                               | 10.4                | 72                   | 173.2          |
| 00123553       | 4 G 2.5                               | 11.4                | 96                   | 204            |
| 00123663       | 5 G 2.5                               | 12.8                | 120                  | 254            |