

## ÖLFLEX® 450 P

Abrasion- and oil-resistant cable for handheld equipment with wear indicator

ÖLFLEX® 450 P - Power cable with oil and abrasion resistant yellow coloured PUR/PVC dual jacket with wear indication for use with handheld equipment

### Info

Cost-effective PVC/PUR dual sheath  
Integrated wear indicator



Mechanical resistance



Oil-resistant

### Benefits

Good cost-benefit ratio

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

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

Serious mechanical damages of the yellow outer jacket become visible due to the red inner sheath

### Application range

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

Power or extension cord

Portable devices for the home and garden

Under consideration of the temperature range also suitable for outdoor use

### Product features

Good oil resistance

Abrasion and notch-resistant

Flame-retardant according IEC 60332-1-2

Low-adhesive surface

Resistant to hydrolysis and microbes

Last Update (24.04.2024)

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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® 450 P

### Norm references / Approvals

Based on VDE 0250 / 0285

### Product Make-up

Fine-wire, bare copper conductor  
Core insulation: Based on PVC  
Cores twisted together  
Inner sheath: PVC - colour red  
Outer sheath: PUR – colour yellow

### 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:	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Minimum bending radius:	Occasional flexing: 15 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: -5 °C to +70 °C Fixed installation: -40 °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.

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

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Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® 450 P				
0012101	2 X 1.0	8	19.2	82
0012102	3 G 1.0	8.4	29	89
0012202	3 G 1.5	9.3	43	120
00122033	4 G 1.5	10.1	58	160
00122043	5 G 1.5	10.9	72	179
0012302	3 G 2.5	10.8	72	186
00123043	5 G 2.5	13.6	120	283

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