

PVC / PUR power tool cable, economical alternative to a completely PUR cable

### Product Description

Good combination of quality and price; Protected against water and dirt; Oil resistant



### Application range

- Electrical devices
- Hand-held equipment
- Portable appliances for home and garden
- Power or extension cord
- Outdoor use only in accordance with the indicated temperature range

### Benefits

- Good combination of quality and price
- Protected against water and dirt
- Oil resistant

### Design

- Fine strands of plain copper wires
- Core insulation: Special-PVC
- Intermediate sheath: PVC in warning colour RED
- Outer sheath: Polyurethane, yellow (RAL 1016)

### Product features

- Abrasion and cut resistant
- Furthermore, it is extremely resistant to dilute acids, aqueous alkaline solutions and regular grade petrol, mineral oils, greases and cooling lubricants.
- Flame retardant (IEC 60332-1-2)



Technical Data

**Core identification code**

Colour coded according to VDE 0293-308, see Appendix T9

**Based on**

VDE 0250/0281

**Specific insulation resistance**

> 20 GOhm x cm

**Conductor stranding**

Fine wire in accordance to VDE 0295 Class 5 / IEC 60228 Class 5

**Minimum bending radius**

Occasional flexing: 15 x cable diameter  
Static: 4 x cable diameter

**Rated voltage**

U0/U:  
300/500 V

**Test voltage**

3000 V

**Protective conductor**

G = with protective conductor GN/YE  
X = without protective conductor

**Range of temperature**

Occasional flexing: -5°C up to +70°C  
Fixed installation: -40°C up to +80°C

Article List

Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
ÖLFLEX® 450 P				
0012101	2 X 1,0	8,0	19.2	82
0012102	3 G 1,0	8,4	29.0	89
0012202	3 G 1,5	9,3	43.0	120
00122033	4 G 1,5	10,1	58.0	160
00122043	5 G 1,5	10,9	72.0	179
0012302	3 G 2,5	10,8	72.0	186
00123043	5 G 2,5	13,6	120.0	283

**Footnote:**

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum

Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

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