

ÖLFLEX® 450 P

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



Info

- PVC / PUR -Dual Sheath
- Economical alternative to a full-PUR sheath design

Benefits

- 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

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)

Approvals (Norm references)



Design

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

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

| Part number | Number of cores and mm ² per conductor | Outer diameter in mm approx. | Copper index kg/km | Weight kg/km approx. |
|----------------------|---|------------------------------|--------------------|----------------------|
| ÖLFLEX® 450 P | | | | |
| 0012101 | 2 X 1 | 8.0 | 19.2 | 82 |
| 0012102 | 3 G 1 | 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 |

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

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)

Comparable products

- ÖLFLEX® 540 P see page 73
- ÖLFLEX® 550 P see page 75

Accessories

- SKINTOP® BS-M see page 645
- SKINTOP® ST-M see page 641