ÖLFLEX® 450 P

Abrasion-resistant cable for handheld equipment with integrated wear indicator

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

- Cost-effective PVC/PUR dual sheath
- Integrated wear indicator

CE

RoHS

Product description

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
- Outdoor use is possible within the indicated operating temperature range

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

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Product Make-up

- Fine-wire strand made of bare copper wires
- Core insulation: Based on PVC
- Cores twisted together
- Inner sheath: PVC - colour red
- Outer sheath: PUR – colour yellow

Norm references / Approvals

- Based on VDE 0250 / 0285

Product features

- Good oil resistance
- Abrasion and notch-resistant
- Flame-retardant according IEC 60332-1-2
- Low-adhesive surface
- Resistant to hydrolysis and microbes

Technical Data

Core identification code	Colours according to VDE 0293-308, refer to Appendix T9
Classification	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
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	U_0/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