



Extra-flexible, abrasion and cold-resistant workshop cable with PUR outer sheath

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

- High mechanical strength
- Good oil resistance
- Extra flexible conductor design



Product description

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

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

Product Make-up

- Extra-fine wire strand made of bare copper
- Core insulation: see data sheet
- Cores twisted together
- PUR outer sheath
- Sheath colour: orange

Norm references / Approvals

- Based on VDE 0285

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

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
Specific insulation resistance	see data sheet
Conductor stranding	Extra-fine wire acc. to VDE 0295, class 6/ IEC 60228 class 6
Minimum bending radius	Occasional flexing: 10 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: -40°C to +80°C Fixed installation: -50°C to +80°C