



## PUR power cords with European harmonisation (HAR)

Harmonised use in Europe; Increased durability under harsh conditions thanks to robust PUR outer sheath; 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; The signal colour of the outer sheath increases safety and visual perception

- High mechanical strength
- Good oil resistance
- H05BQ-F/H07BQ-F design standard



## Product description

### Application range

- Portable handheld electrical devices such as drills, sanders, jig saws or grinders
- Building sites, camp sites, stage applications
- Construction machinery
- Agricultural equipment
- For indoor and outdoor use

### Benefits

- Harmonised use in Europe
- Increased durability under harsh conditions thanks to robust PUR outer sheath

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

## Product Make-up

- Fine-wire strand made of bare copper wires
- Core insulation: rubber compound
- Cores twisted together
- PUR outer sheath
- Sheath colour: orange

## Norm references / Approvals

- EN 50525-2-21
- H05BQ-F/H07BQ-F design standard

## Product features

- Oil-resistant
- Abrasion and notch-resistant
- Flexible down to -40°C
- Resistant to hydrolysis and microbes

## Technical Data

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	For flexible use: 12.5 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage	Up to 1.0 mm <sup>2</sup> : U <sub>0</sub> /U: 300/500 V From 1.5 mm <sup>2</sup> : U <sub>0</sub> /U: 450/750 V
Test voltage	3000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Temperature range	Occasional flexing: -40°C to +90°C Fixed installation: -50°C to +90°C