

Harsh conditions • High mechanical and chemical resistance



ÖLFLEX® 550 P*

Power cord with PUR outer sheath and European harmonisation (HAR)



Info

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

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

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

Product features

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

Norm references / Approvals

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

Product Make-up

- Fine-wire, bare copper conductor
- Core insulation: rubber compound
- Cores twisted together
- PUR outer sheath
- Sheath colour: orange

Technical data

- Classification ETIM 5/6**
ETIM 5.0/6.0 Class-ID: EC001578
ETIM 5.0/6.0 Class-Description: Flexible cable
- 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 mm²: U0/U: 300/500 V
From 1.5 mm²: U0/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

| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|--------------------------------------|---|---------------------|----------------------|----------------|
| ÖLFLEX® 550 P U0/U: 300/500 V | | | | |
| 0013600 | 2 X 0.75 | 5.7 - 7.4 | 14.4 | 50 |
| 0013601 | 3 G 0.75 | 6.2 - 8.1 | 21.6 | 64 |
| 00136023 | 4 G 0.75 | 6.8 - 8.8 | 28.8 | 78 |
| 00136033 | 5 G 0.75 | 7.6 - 9.9 | 36 | 98 |
| 0013610 | 2 X 1.0 | 6.1 - 8.0 | 19.2 | 60 |
| 0013611 | 3 G 1.0 | 6.5 - 8.5 | 29 | 74 |
| 00136123 | 4 G 1.0 | 7.1 - 9.3 | 38.4 | 92 |
| 00136133 | 5 G 1.0 | 8.0 - 10.3 | 48 | 114 |
| ÖLFLEX® 550 P U0/U: 450/750 V | | | | |
| 0013620 | 2 X 1.5 | 7.6 - 9.8 | 29 | 87 |
| 0013621 | 3 G 1.5 | 8.0 - 10.4 | 43 | 108 |
| 00136223 | 4 G 1.5 | 9.0 - 11.6 | 58 | 137 |
| 00136233 | 5 G 1.5 | 9.8 - 12.7 | 72 | 165 |
| 0013630 | 2 X 2.5 | 9.0 - 11.6 | 48 | 90 |
| 0013631 | 3 G 2.5 | 9.6 - 12.4 | 72 | 161 |
| 00136323 | 4 G 2.5 | 10.7 - 13.8 | 96 | 206 |
| 00136333 | 5 G 2.5 | 11.9 - 16.3 | 120 | 254 |

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

* Trade product, no Lapp product

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

Similar products

- ÖLFLEX® ROBUST 200 refer to page 70
- H05RN-F refer to page 86
- H07RN-F refer to page 87
- H07RN-F, enhanced version refer to page 88
- ÖLFLEX® 500 P refer to page 81
- ÖLFLEX® 540 P refer to page 82

Accessories

- Cutting tools for various applications
- Stripping tools
- SKINTOP® MS-M refer to page 696
- SKINTOP® ST-M refer to page 684
- SKINTOP® ST-M Small PU
- SKINTOP® BS-M METAL / SKINTOP® BSR-M METAL refer to page 698