

ÖLFLEX® POWER IX

Heavy Duty, Neoprene Cordage with <HAR> and SOOW Approvals for Global Use



ÖLFLEX® POWER IX is a neoprene cordage with UL/CSA SOOW and <HAR> H07RN-F approval. It has an international color code and a jacket which is resistant to oil, chemicals, and abrasion. ÖLFLEX® POWER IX can be used in European, American, Asian, and Canadian cordage applications; one cable does the work of four.

Recommended Applications

Power cordage for domestic and exported machinery; portable tools; data processing; control systems; commercial appliances

Approvals



Construction

Conductors: Finely stranded bare copper

Insulation: Rubber

Jacket: Neoprene

Application Advantage

- International approvals: UL, CSA, <HAR>, CE
- One cable does the job of four, reducing inventory
- One specification for easy and safe installation
- Oil-, chemical-, and abrasion-resistant jacket
- Ideal for high-stress applications in dry and damp environments
- UV-resistant, outdoor use

Cable Attributes, see page 659

| | | | |
|-------|-------|--------|------------|
| OR-02 | FR-01 | FL-02 | MP-02 |
| OIL | FLAME | MOTION | MECHANICAL |

Similar Cables

- ÖLFLEX® POWER QUAD II
- H07RN-F Cordage

Complete the Installation

| | | | |
|--|--|--|------------------------------------|
| | SKINTOP® Strain Relief: page 502 | | EPIC® Pin & Sleeve: page 461 |
|--|--|--|------------------------------------|

Technical Data

| | | | |
|-----------------------------|---|-----------------------------|---|
| Minimum Bend Radius: | 7.5 x cable diameter | Conductor Stranding: | Class 5 fine wire |
| Temperature Range: | -40°C to +90°C - <HAR> H07RN-F: -25°C to +60°C | Color Code: | VDE 0293-308: Chart 6, page 696 |
| Nominal Voltage: | 600V - UL/CSA: - <HAR> H07RN-F: 450/750V | Approvals: | UL: SOOW per UL 62 Attributes: -40°C Cold Bend Sunlight Resistant Canada: c(UL) SOOW Additional: <HAR> H07RN-F CE & RoHS |
| Test Voltage: | 2000V | | |

| Part Number | Number of Conductors (incl. ground) | Nominal Outer Diameter (inches) (mm) | | Copper Weight (lbs/mft) | Approx. Weight (lbs/mft) | SKINTOP® Non-Metallic PG Thread | Part Number | Number of Conductors (incl. ground) | Nominal Outer Diameter (inches) (mm) | | Copper Weight (lbs/mft) | Approx. Weight (lbs/mft) | SKINTOP® Non-Metallic PG Thread |
|---------------------------------|-------------------------------------|--------------------------------------|------|-------------------------|--------------------------|---------------------------------|-----------------------------|-------------------------------------|--------------------------------------|------|-------------------------|--------------------------|---------------------------------|
| 18 AWG (17 AWG/1.00 mm²) | | | | | | | 10 AWG (9 AWG/6 mm²) | | | | | | |
| 321803 | 3 | 0.380 | 9.7 | 17 | 84 | S2113 | 321003 | 3 | 0.670 | 17.0 | 90 | 304 | S2121 |
| 321804 | 4 | 0.410 | 10.4 | 23 | 96 | S2113 | 321004 | 4 | 0.720 | 18.3 | 135 | 366 | S2129 |
| 14 AWG (13 AWG/2.50 mm²) | | | | | | | 8 AWG (7 AWG/10 mm²) | | | | | | |
| 321404 | 4 | 0.590 | 15.0 | 57 | 216 | S2121 | 321005 | 5 | 0.790 | 20.1 | 157 | 442 | S2129 |
| 12 AWG (11 AWG/4 mm²) | | | | | | | 320803 | | | | | | |
| 321204 | 4 | 0.670 | 17.0 | 90 | 300 | S2121 | 320804 | 4 | 0.980 | 24.9 | 231 | 652 | S2136 |
| 321205 | 5 | 0.740 | 18.8 | 112 | 355 | S2129 | | | | | | | |

AWG in parentheses above with be written on cable legend per the latest UL 62 requirements

Recommended SKINTOP® assumes minimal OD variance. Additional configurations are available, please see our SKINTOP® Section. Photographs are not to scale and are not true representations of the products in question. For current information go to our website. If not otherwise specified, all values relating to the product are nominal values.