

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; black

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 jacket for outdoor use

Cable Attributes		page 640
OIL	OR-02	FLAME FR-01
MOTION	FL-02	MECH. MP-02

Complete the Installation	
SKINTOP® Strain Relief page 488	EPIC® Pin & Sleeve page 449

Technical Data

Minimum Bend Radius: 7.5 x cable diameter	Conductor Stranding: Class 5 fine wire
Temperature Range: - UL/CSA SOOW: -40°C to +90°C - <HAR> H07RN-F: -25°C to +60°C	Color Code: VDE 0293-308: Chart 6, page 673
Nominal Voltage: - UL/CSA: 600V - <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 (in) (mm)	Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® Non-Metallic PG Thread	Part Number	Number of Conductors (incl. ground)	Nominal Outer Diameter (in) (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	19	84	S2113	321003	3	0.670 17.0	123	304	S2121
321804	4	0.410 10.4	26	96	S2113	321004	4	0.720 18.3	164	366	S2129
14 AWG (13 AWG/2.50 mm²)*						8 AWG (7 AWG/10 mm²)*					
321404	4	0.590 15.0	65	216	S2121	321005	5	0.790 20.1	205	442	S2129
12 AWG (11 AWG/4 mm²)*											
321204	4	0.670 17.0	103	300	S2121	320803	3	0.900 22.9	197	537	S2129
321205	5	0.740 18.8	129	355	S2129	320804	4	0.980 24.9	263	652	S2136

* AWG in parentheses will 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. If not otherwise specified, all values relating to the product are nominal values. Photographs are not to scale and are not true representations of the products in question. For current information go to our website.