

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. This allows it to be used in European, American, Asian, and Canadian 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



Cable attributes		page 648	
OIL	OR-02	FLAME	FR-01
MOTION	FL-02	MECH.	MP-02

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

Complete the installation

SKINTOP® strain relief
page 492

EPIC® pin & sleeve
page 465

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 681
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	Nominal outer diameter mm	Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® SL PG thread
18 AWG (17 AWG/1.00 mm²)*						
321803	3	0.380	9.7	19	84	S2113
321804	4	0.410	10.4	26	96	S2113
14 AWG (13 AWG/2.50 mm²)*						
321404	4	0.590	15.0	65	216	S2121
12 AWG (11 AWG/4 mm²)*						
321204	4	0.689	17.5	103	300	S2121
321205	5	0.740	18.8	129	355	S2129

Part number	Number of conductors incl. ground	Nominal outer diameter in	Nominal outer diameter mm	Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® SL PG thread
10 AWG (9 AWG/6 mm²)*						
321003	3	0.693	17.6	123	304	S2121
321004	4	0.752	19.1	164	366	S2129
321005	5	0.815	20.7	205	442	S2129
8 AWG (7 AWG/10 mm²)*						
320803	3	0.914	23.2	197	537	S2129
320804	4	1.031	26.2	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.