

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 OIL	FR-01 FLAME	FL-02 MOTION	MP-02 MECHANICAL
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Similar Cables

- ÖLFLEX® POWER QUAD II
- H07RN-F Cordage

Complete the Installation

SKINTOP® Strain Relief: page 502	EPIC® Pin & Sleeve: page 461
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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	* 18 AWG meets only the Class 5 cross section and DC resistance	

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)							12 AWG (11 AWG) (4 mm²)						
321803	3	0.380	9.7	17	84	S2113	321203	3	0.620	15.7	67	249	S2121
321804	4	0.410	10.4	23	96	S2113	321204	4	0.670	17.0	90	300	S2121
16 AWG (15 AWG) (1.50 mm²)							10 AWG (9 AWG) (6 mm²)						
321603	3	0.400	10.2	25	99	S2113	321003	3	0.670	17.0	90	304	S2121
321604	4	0.450	11.4	34	125	S2113	321004	4	0.720	18.3	135	366	S2129
321605	5	0.520	13.2	42	165	S2116	321005	5	0.790	20.1	157	442	S2129
14 AWG (13 AWG) (2.50 mm²)							8 AWG (7 AWG) (10 mm²)						
321403	3	0.550	14.0	39	183	S2121	320803	3	0.900	22.9	173	537	S2129
321404	4	0.590	15.0	57	216	S2121	320804	4	0.980	24.9	231	652	S2136
321405	5	0.670	17.0	71	277	S2121							

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.