

ÖLFLEX® POWER QUAD II

Oil-resistant PVC cordage with <HAR> & SJTO approvals for global use



ÖLFLEX® POWER QUAD II is a PVC cordage with UL/CSA SJTO and <HAR> H05VV-F approval. It has a very oil-resistant jacket and an international color code. ÖLFLEX® POWER QUAD II can be used in European, American, Asian, and Canadian cordage applications; one cable does the work of four.

Recommended applications

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

Approvals



Cable attributes		page 648	
OIL	OR-04	FLAME	FR-02
MOTION	FL-02	MECH.	MP-02

Construction

- Conductors:** finely stranded bare copper
- Insulation:** specially formulated PVC
- Jacket:** PVC; 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-resistant PVC jacket meets UL Oil Res I/II
- UV-resistant jacket

Complete the installation

SKINTOP® strain relief
page 492

EPIC® pin & sleeve
page 465

Technical data

Minimum bend radius:	4 x cable diameter	Color code:	VDE 0293-308: chart 6, page 681
Temperature range:	- UL/CSA SJTO: -25°C to +90°C - <HAR> H05VV-F: -30°C to +70°C	Approvals:	UL: SJTO per UL 62 AWM 21098 Attributes: UL Oil Res I/II sunlight resistant -25°C cold bend Canada: cUL SJTO cRU AWM I/II A/B FT1 Additional: <HAR> H05VV-F CE & RoHS
Nominal voltage:	- UL/CSA SJTO: 300V - <HAR> H05VV-F: 500V		
Test voltage:	2000V		
Conductor stranding:	Class 5 fine wire		

Part number	Number of conductors incl. ground*	Nominal outer diameter in mm		Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® SL PG thread
18 AWG (17 AWG/1.00 mm²)**						
311802	2	0.265	6.7	13	44	S2109
311803	3	0.283	7.2	19	53	S2111
311804	4	0.304	7.7	25	66	S2111
311805	5	0.348	8.8	32	93	S2111
16 AWG (15 AWG/1.50 mm²)**						
311602	2	0.305	7.7	19	62	S2111
311603	3	0.332	8.4	28	73	S2111
311604	4	0.364	9.2	37	84	S2111
311605	5	0.405	10.3	46	99	S2113

Part number	Number of conductors incl. ground*	Nominal outer diameter in mm		Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® SL PG thread
14 AWG (13 AWG/2.50 mm²)**						
311403	3	0.407	10.3	45	101	S2113
311404	4	0.447	11.4	60	130	S2113
311405	5	0.496	12.6	75	150	S2116

* 2c cable does not include ground
** 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.