

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



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

Cable Attributes				page 640		Complete the Installation			
OIL	OR-04	FLAME	FR-02		SKINTOP® Strain Relief page 488		EPIC® Pin & Sleeve page 449		
MOTION	FL-02	MECH.	MP-02						

Technical Data

Minimum Bend Radius:	4 x cable diameter	Conductor Stranding:	Class 5 fine wire
Temperature Range:	- UL/CSA SJTO: -25°C to +90°C - <HAR> H05VV-F: -30°C to +70°C	Color Code:	VDE 0293-308: Chart 6, page 673
Nominal Voltage:	- UL/CSA SJTO: 300V - <HAR> H05VV-F: 500V	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
Test Voltage:	2000V		

Part Number	Number of Conductors (incl. ground)	Nominal Outer Diameter (mm)		Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® Non-Metallic PG Thread	Part Number	Number of Conductors (incl. ground)	Nominal Outer Diameter (mm)		Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® Non-Metallic PG Thread
18 AWG (17 AWG/1.00 mm²)*							14 AWG (13 AWG/2.50 mm²)*						
311802**	2	0.265	6.7	13	44	S2109	311403	3	0.407	10.3	45	101	S2113
311803	3	0.283	7.2	19	53	S2111	311404	4	0.447	11.4	60	130	S2113
311804	4	0.304	7.7	25	66	S2111	311405	5	0.496	12.6	75	150	S2116
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							

* AWG in parentheses will be written on cable legend per the latest UL 62 requirements
 ** 2c cable does not include ground

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.