

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 (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)*						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