

ÖLFLEX® POWER MULTI

Flexible oil-resistant tray cable & STOOW extra hard service cordage



ÖLFLEX® POWER MULTI is a multi-purpose power cable with cordage, tray, and NEC Class 1 Div. 1 (flexible use only) approvals.

Recommended applications

Power cord for equipment; paint booths; appliances; factory installations; any power hook-up in the plant

Approvals



Cable attributes		page 648	
OIL	OR-03	FLAME	FR-03
MOTION	FL-02	MECH.	MP-03

Construction

Conductors: finely stranded bare copper

Insulation: specially formulated PVC

Jacket: specially formulated thermoplastic polymer; black

Application advantage

- UL & CSA STOOW cordage approval
- UL TC-ER & CSA TC approval
- One cable does the job of three
- Durable jacket for long performance life

Complete the installation



Technical data

Minimum bend radius:
- for installation: 4 x cable diameter

Temperature range:
- UL/CSA TC: -25°C to +90°C
- for flexible use: -25°C to +105°C
- for stationary use: -40°C to +105°C

Nominal voltage:
- UL/CSA TC/STOOW: 600V

Test voltage: 2000V

Conductor stranding: Class 5 fine wire*
* 18 AWG meets only Class 5 cross section and DC resistance

Color code:
- 3c: color & number-coded black, white, green/yellow
- 4c: black, white, red, green/yellow
- 5c: black, white, red, brown, green/yellow
- 7c & higher: black with white numbers, plus green/yellow ground

Approvals:
UL: TC-ER per UL 1277
STOOW per UL 62
Attributes: UL Oil Res I/II
75°C wet; 90°C dry
sunlight resistant
direct burial
NFPA 79
NEC: Class 1 Division 1 & 2 per
NEC Article 501
Canada: c(UL) CIC/TC FT4
c(UL) STOOW
CSA AWM I/II A/B FT4
Additional: CE & RoHS

Part number	Number of conductors incl. ground	Nominal outer diameter		Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® SL PG thread
		in	mm			
18 AWG (1 mm²)						
611803	3	0.371	9.4	20	62	S2111
611804	4	0.399	10.1	26	71	S2113
611805	5	0.471	12.0	33	82	S2116
16 AWG (1.5 mm²)						
611603	3	0.399	10.1	29	75	S2113
611604	4	0.430	10.9	39	88	S2113
611605	5	0.507	12.9	49	104	S2116
611607	7	0.544	13.8	68	132	S2121
611612	12	0.719	18.3	117	225	S2129
611618	18	0.824	20.9	175	295	S2129
611625	25	0.966	24.5	242	401	S2136

Part number	Number of conductors incl. ground	Nominal outer diameter		Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® SL PG thread
		in	mm			
14 AWG (2.5 mm²)						
611403	3	0.541	13.8	49	93	S2121
611404	4	0.584	14.8	65	112	S2121
611405	5	0.663	16.8	81	132	S2121
12 AWG (4 mm²)						
611203	3	0.631	16.0	78	126	S2121
611204	4	0.681	17.3	104	156	S2129
611205	5	0.739	18.8	129	192	S2129
10 AWG (6 mm²)						
611003	3	0.676	17.2	117	229	S2121
611004	4	0.732	18.6	155	271	S2129
8 AWG (10 mm²)						
610803	3	0.840	21.3	194	430	S2129
610804	4	0.943	24.0	258	566	S2129

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.