

OLFLEX® -90

Continuous Flex Oil Resistant Power Supply Cable for Small Bend Radius Applications



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OLFLEX®-90 is an ultra flexible 600 Volts, UL and CSA approved cable designed for power applications. The design incorporates Class K stranding with specially formulated PVC compounds that are resistant to most mineral oils, synthetic oils, and water based coolants. Our specially blended PVC jacket passes the stringent demands of the VDE 0472 section 803 oil test.

Recommended applications for the OLFLEX®-90 are power supply cables for spindle motors, cable handling systems requiring flexible power cable, and interconnect wire from the power supply to the machine. OLFLEX®-90 can be used for internal and external applications without conduit and is excellent for use in cable track.

Construction:

Fine stranded bare copper conductors; specially blended black PVC insulation; specially formulated black oil resistant PVC jacket.



Also available with the following options:

- Green/Yellow or Gray Overall Jacket; Minimum order required

Technical Data:

Minimum bend radius for continuous flexing:	10 x cable diameter	Test voltage:	3000 V
Temperature range:		Insulation resistance:	20 G x cm
Flexing:	-5°C to +90°C	Conductor stranding:	Class K (30 AWG)
Static:	-40°C to +90°C	Approvals:	UL AWM CSA AWM FT1
Rated voltage:	600 V	Conforms to CE Directives	

Part Number	Number of Conductors	Nominal Outer Diameter		lbs/mft	Approx. Weight	
		inches	mm			kg/km
8 AWG (175/30) 600801	1	.366	9.3	111		166
6 AWG (273/30) 600601	1	.390	9.9	139		207
4 AWG (473/30) 600401	1	.472	12.0	217		324
2 AWG (679/30) 600201	1	.626	15.9	334		498
1/0 (1085/30) 6011001	1	.669	17.0	512		763
2/0 (1344/30) 6021001	1	.693	17.6	619		922
3/0 (1680/30) 6031001	1	.787	20.0	768		1144
4/0 (2142/30) 6041001	1	.984	25.0	1023		1524
250 MCM (2541/30) 6025001	1	1.063	27.0	1185		1766
350 MCM (3515/30) 6035001	1	1.146	29.1	1526		2273
500 MCM (5130/30) 6050001	1	1.244	31.6	2136		3182

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