OLFLEX® SDP TC

Severe Duty Power Cable **Bus Drop Cable**









OLFLEX® SDP TC is a motor supply cable with Bus Drop approval. It is designed with more flexible stranding and a pressure extruded, specially blended TPE jacket making it much easier to route. OLFLEX® SDP TC is also UL TC-ER and CSA CIC/TC approved for tray applications.

Recommended Applications:

Motor connections in industrial environments, Automotive machinery, Machine tool, Food and beverage

Application Advantage:

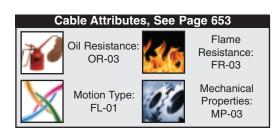
- UL TC-ER & CSA CIC approved
- 1000 volt rated UL AWM and 105°C
- Orange, extremely oil resistant elastomeric jacket, Oil Res I & II
- Bus Drop approval

OLFLEX® SDP TC Construction:

Finely stranded bare copper conductors; PVC/ nylon insulation; barrier tape; specially formulated oil and chemical resistant elastomeric alloy orange jacket.

OLFLEX° SDP TC (UL) TYPE TC-ER OIL RES I/II or Bus Drop Cable- c(UL) CIC FT4- CSA AWM FT4







Approvals:



Jacket is dual printed with AWG/mm² equivalent.

Technical Data:

Minimum Bending Radius

Temperature Range:

for installation: 7.5 x cable diameter

-40°C to +105°C

Nominal Voltage: 600V- UL TC

1000V- TC Wind Turbine

(WTTC)

Test Voltage: 4000V

Conductor Stranding: Class K per UL 1581 Color Code: Three black conductors with white numbers, plus green/yellow ground

UL:

- UL Type MTW, NFPA 79 2007

- Wet Rating 75°C, Oil Res. I/II

- Bus Drop Cable, Class 1 Div. 2 per

NEC Art. 336, 318, 501

- UL-AWM 105°C

- Type TC-ER

- Submersible Pump

CSA: - c(UL) CIC Oil Res. FT 4

- AWM I/II A/B FT4

Part Number	Number of Conductors includes ground	Primary Diameter		Nominal Outer Diameter		Copper Weight	Approx. Weight	
		inches	mm	inches	mm	lbs/mft	lbs/mft	kg/km
14 AWG (41/30) 2.08 mm ²								
781404	4	.114	2.9	.388	9.9	60	126	188
12 AWG (65/30) 3.30 mm ²								
781204	4	.138	3.5	.446	11.3	100	171	255
10 AWG (105/30) 5.32 mm ²								
781004	4	.190	4.8	.575	14.6	147	257	383
8 AWG (168/30) 8.52 mm ²								
780804	4	.262	6.6	.758	19.3	245	427	636
6 AWG (266/30) 13.48 mm ²								
780604	4	.296	7.5	.895	22.7	393	586	872
4 AWG (413/30) 20.93 mm ²								
780404	4	.378	9.6	1.093	27.8	541	871	1297
2 AWG (665/30) 33.70 mm ²								
780204	4	.450	11.4	1.280	32.5	853	1272	1892