

LUTZE SILFLEX® Tray-ER TPE, Unshielded

Flexible Premium TPE Power Tray Cable with Bus Drop Approval



Application

- Multi-conductor power cable for tray applications, with **exposed run** (open wiring) approval
- Compliant with **NFPA 79** for machine tool wiring
- **TC-ER** for use with cable trays **without conduit**, which can reduce material and labor costs
- Metal cutting equipment, machine tools, machine and plant construction, HVAC technology, assembly and production lines, and other industrial applications
- WTTC – wind turbine tray cable rating for use in wind power generation
- Dry, damp and wet locations

Characteristics

- Flexible design with Nylon for crush impact resistance per UL 1277 and easy installation
- Specially formulated TPE jacket for superior oil resistance
- Cutting oil resistant - mineral & bio/vegetable based oils **specifically tested with plant based cutting oil*
- Non-wicking fillers
- Sunlight resistant
- Direct burial
- Talc and Silicone free

Technical Data

Voltage	600V UL TC-ER 600V UL MTW 1000V WTTC 600V UL AWM 105C
Temperature	-40°C - +90°C static
Minimum bending radius	4 x cable OD
Conductor marking	Black with white numbers and one green/yellow ground
Oil resistance	Oil Res I and Oil Res II
Approvals	UL Type TC-ER UL/CE UL AWM (UL) Type MTW or DP-1 UL1277 c(UL) TC WTTC Class I, II Div. 2 per NEC Art. 336, 392, 501, 502 CIC FT4 RoHS REACH UL509 BUS Drop

Construction

- AWG conductor
- Flexible fine wire stranded bare copper conductors
- PVC/Nylon insulation / THHN – THWN
- Oil resistant TPE jacket
- Black jacket RAL 9005

Specifications are subject to change without prior notice

Part No.	Description No. of conductors incl. ground	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
AWG 14 (41/30)					
A3321404	AWG14/04C	9.4	0.368	108	52
AWG 12 (65/30)					
A3321204	AWG12/04C	10.5	0.413	146	83
AWG 10 (105/30)					
A3321004	AWG10/04C	12.7	0.498	221	134
AWG 8 (168/30)					
A3320804	AWG8/04C	18.1	0.711	392	214
AWG 6 (266/30)					
A3320604	AWG6/04C	20.1	0.790	552	339
AWG 4 (413/30)					
A3320404	AWG4/04C	26.3	1.033	910	516
AWG 2 (665/30)					
A3320204	AWG2/04C	30.8	1.214	1,391	883
1/0 (1064/30)					
A3321004	1/0/4C	36.4	1.435	1,871	1,338
2/0 (1330/30)					
A3322004	2/0/4C	39.2	1.544	2,257	1,685
3/0 (1665/30)					
A3323004	3/0/4C	45.6	1.794	2,982	2,156
4/0 (2109/30)					
A3324004	4/0/4C	48.3	1.903	3,549	2,676

“Industrial duty power cable with TC-ER and Bus Drop rating for branch wiring from busways in accordance with NEC article 368.56 (B) ”.

