

# LUTZE SILFLEX® Tray-ER TPE, Unshielded

## Flexible Premium TPE Power Tray Cable for Stationary Applications



### Application

- Multi-conductor power cable for tray applications, with exposed run (open wiring) approval
- Compliant with NFPA 79 requirements
- TC-ER for use with cable trays without conduit, which can reduce installation costs in industrial environments
- 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

- Crush impact resistant
- Gas/vapor-tight sheath per UL 1277
- Cutting oil resistant - mineral & bio/vegetable based oils  
*\*specifically tested with plant based cutting oil*
- Non-wicking fillers
- Sunlight resistant
- Flame retardant
- Talc and silicone free

### Technical Data

Voltage	600V 90C TC-ER 600V MTW 1000V 90C WTTC 600V 105C AWM
Temperature range	-40°C - +105°C static
Bending radius min	4 x cable OD
Conductor marking	Black with white numbers and one green/yellow ground
Oil resistance	Oil Res I, Oil Res II
Approvals	UL Type TC-ER UL/CE (UL) Type MTW or DP-1 UL1277 WTTC Meets NEC 336, 392 Class I & II, Div. 2 and Class I Zone 2 per NEC 501, 502, 505 AWM 21270 c(UL) TC, CIC FT4 UL509 BUS Drop RoHS, REACH

### Construction

- AWG conductor
- Flexible fine wire stranded bare copper conductors
- PVC/Nylon insulation
- Oil resistant TPE jacket
- Black jacket similar to 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
<b>AWG 14 (41/30)</b>					
A3321404	AWG14/04C	9.4	0.368	108	52
<b>AWG 12 (65/30)</b>					
A3321204	AWG12/04C	10.5	0.413	146	83
<b>AWG 10 (105/30)</b>					
A3321004	AWG10/04C	12.7	0.498	221	134
<b>AWG 8 (168/30)</b>					
A3320804	AWG8/04C	18.1	0.711	392	214
<b>AWG 6 (266/30)</b>					
A3320604	AWG6/04C	20.1	0.790	552	339
<b>AWG 4 (413/30)</b>					
A3320404	AWG4/04C	26.3	1.033	910	516
<b>AWG 2 (665/30)</b>					
A3320204	AWG2/04C	30.8	1.214	1,391	883
<b>1/0 (1064/30)</b>					
A3321/004	1/0/4C	36.4	1.435	1,871	1,338
<b>2/0 (1330/30)</b>					
A3322/004	2/0/4C	39.2	1.544	2,257	1,685
<b>3/0 (1665/30)</b>					
A3323/004	3/0/4C	45.6	1.794	2,982	2,156
<b>4/0 (2109/30)</b>					
A3324/004	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) ”.

