

# LÜTZE SILFLEX® Tray-ER Blue PVC, Unshielded

## Flexible Control and Tray Cable with UL/TC-ER/MTW/CE Approvals, Blue Conductors for 24V Applications



### Application

- Multi-conductor cable for tray applications, with **exposed run** (open wiring) approval
- Machine tools, machine and plant construction, HVAC technology, assembly and production lines, and other industrial applications
- **Automotive** applications with 24 Volt
- MTW rating as required per **NFPA 79** for machine tool wiring
- TC-ER for use on machines and in cable trays without conduit
- Dry, damp and wet conditions

### Characteristics

- Flexible design with Nylon for crush impact resistance per UL 1277 and easy installation
- Specially formulated jacket for oil resistance
- Non-wicking fillers
- Sunlight resistant
- Direct burial
- UL Type TC-Exposed Run
- Talc and Silicone free

### Technical Data

Voltage	600V UL TC-ER 600V UL AWM
Temperature	-40°C - +90°C static
Bending radius	4 x cable OD
Conductor marking	Blue with white numbers; and one green/yellow ground; No. 2 is white with a blue stripe * only two blue with white numbers and one green/yellow ground, no white with a blue stripe
Oil resistance	Oil Res I
Approvals	UL Type TC-ER UL/CE UL AWM (UL) Type MTW or DP-1 Class 1, Div. 2 per NEC Art. 336, 392, 501 C(UL) CIC TC, FT4 UL1277 RoHS REACH

### Construction

- AWG conductor
- Flexible fine wire stranded bare copper conductors
- PVC/Nylon insulation / THHN – THWN
- Oil resistant PVC jacket
- Gray jacket similar RAL 7001

Part No.	Description No. of conductors incl. ground	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
<b>AWG 18 (19/30)</b>					
<b>A3251803</b>	AWG18/3C*	7.3	0.288	47	18
<b>A3251805</b>	AWG18/5C	8.6	0.337	69	30
<b>A3251807</b>	AWG18/7C	9.4	0.370	89	42
<b>A3251812</b>	AWG18/12C	12.0	0.474	143	72
<b>A3251819</b>	AWG18/19C	14.9	0.588	219	108
<b>A3251825</b>	AWG18/25C	17.4	0.686	295	150
<b>A3251837</b>	AWG18/37C	19.9	0.782	410	223
<b>AWG 16 (26/30)</b>					
<b>A3251603</b>	AWG16/3C*	7.9	0.312	58	25
<b>A3251604</b>	AWG16/4C	8.7	0.341	72	33
<b>A3251605</b>	AWG16/5C	9.2	0.364	91	41
<b>A3251607</b>	AWG16/7C	10.1	0.398	116	57
<b>A3251612</b>	AWG16/12C	13.9	0.547	194	98
<b>A3251619</b>	AWG16/19C	16.2	0.638	271	155
<b>A3251625</b>	AWG16/25C	18.9	0.746	379	204
<b>AWG 14 (41/30)</b>					
<b>A3251403</b>	AWG14/3C	8.9	0.352	82	39
<b>A3251404</b>	AWG14/4C	9.8	0.384	103	52
<b>AWG 12 (65/30)</b>					
<b>A3251204</b>	AWG12/4C	10.9	0.428	137	85