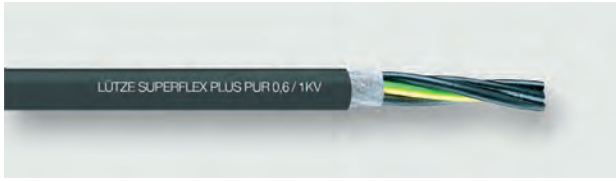


# LÜTZE SUPERFLEX® Plus M PUR 0.6/1kV, Unshielded

## High Flexing Motor Cable with UL/CE Approvals



### Application

- High flexible multi-conductor cable for continuous moving applications such as machine tools, handling equipment and processing machines
- Designed for demanding industrial C-track applications
- Compatible with all major brand C-tracks

### Characteristics

- Super finely stranded per Class 6 for continuous moving applications
- TPE conductor insulation
- Low capacitance
- PUR jacket
- Highest level of resistance against cooling fluids, greases and oils
- Abrasion and hydrolysis resistant, low water absorption
- UV resistant
- Non-wicking fillers
- Talc and Silicone free

### Technical Data

Voltage	1000V UL AWM U <sub>0</sub> /U 0.6/1kV
Temperature	Moving -25°C - +80°C Fixed -40°C - +80°C
Minimum bending radius	Moving 7.5 x cable OD Fixed 4 x cable OD
Conductor marking	Black with white numbers and one green/yellow ground
Isolation resistance	Min 100MΩ x km
Burning behavior	Flame retardant per VDE 0482 part 265-2 DIN EN 50265-2 UL VW-1 CSA FT1 IEC 60332-1
Halogen free	According to DIN EN 50267-2-1
Oil resistance	Oil Res II
Approvals	UL AWM Style 21223 RoHS REACH

### Construction

- Metric conductor
- Bare copper wire super finely stranded per DIN VDE 0295 Class 6 and IEC 60228 Class 6
- Special TPE conductor insulation
- G: with GNYE ground conductor  
x: without ground conductor
- Layer pitch optimized
- Fleece wrap over cabled conductor
- Extremely oil resistant PUR jacket
- Black jacket RAL 9005

Part No.	Description No. of conductors incl. ground	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
<b>AWG 16 / 1.5 mm<sup>2</sup></b>					
111370	4G1.5	7.7	0.303	81	39
<b>AWG 14 / 2.5 mm<sup>2</sup></b>					
111371	4G2.5	9.3	0.366	96	64
<b>AWG 12 / 4 mm<sup>2</sup></b>					
111372	4G4	10.8	0.425	156	103
111545	5G4	12.1	0.476	192	130
<b>AWG 10 / 6 mm<sup>2</sup></b>					
111373	4G6	12.9	0.508	220	155
111430	5G6	14.5	0.571	269	194
<b>AWG 8 / 10 mm<sup>2</sup></b>					
111374	4G10	15.5	0.610	352	257
111429	5G10	18.2	0.717	504	329
<b>AWG 6 / 16 mm<sup>2</sup></b>					
111375	4G16	18.8	0.740	663	411
111548	5G16	20.8	0.819	784	516
<b>AWG 4 / 25 mm<sup>2</sup></b>					
111376	4G25	23.7	0.933	804	643
<b>AWG 2 / 35 mm<sup>2</sup></b>					
111377	4G35	26.6	1.041	1,240	901
<b>AWG 1 / 50 mm<sup>2</sup></b>					
111378	4G50	31.8	1.252	1,642	1,286