

# PUR Handheld tools and device cables

## LÜTZE-SILFLEX® PUR ORANGE, coloured conductors



### Application

- Handheld tools of all kinds such as drills, sanders, handsaws
- For flexible application with free movement
- Anywhere where an especially flexible cable is advantageous
- Orange outer jacket for locking circuits that remain under voltage after switching off of the main power circuit

### Properties

- Abrasion-resistant, nick-resistant, tear-propagation-resistant
- Hydrolysis-resistant, microbe-resistant, and rot-resistant
- Weathering, ozone and UV resistant (normal lighting conditions)
- Good resistance to use and salt water
- Excellent coolant and lubricant resistance
- Largely resistant to oils, greases, alcohol-free benzines and kerosene
- Free from paint wetting impairment substances (LABS-free), RoHS-compliant

### Technical data

Voltage	
U <sub>0</sub> /U	300/500 V
Test voltage	2000 V
Insulation resistance	min. 100 MΩ × km
Temperature range	
moving	-25 °C to +80 °C
fixed	-40 °C to +80 °C
Minimum bending radius	according to VDE 0298 table 6
Burning behaviour	Halogen-free according to DIN EN 20264-1; EN 50267-2-1, EN 60684-2

### Design

- Bare copper wire, finest multi-strand according to DIN VDE 0295 class 6, IEC 60228 class 6
- Special Thermoplast conductor insulation (21Y)
- Conductors coloured according to DIN VDE 0293-308 (new)
- 2-wire: brown, blue
- 3-wire: greenyellow, brown, blue
- 4-wire: greenyellow, brown, black, grey
- 5-wire: greenyellow, blue, brown, black, grey
- Ground conductor greenyellow according to DIN EN 50334
- G = with greenyellow ground conductor; × = without ground conductor
- Conductors stranded layers
- Full polyurethane jacket
- Jacket colour orange RAL 2003

Part-No.	Number of strands/cross-section	Outer-Ø approx. mm	Weight kg/100 m	Cu-Index kg/100 m
<b>0.75 mm<sup>2</sup></b>				
110296	3G0.75	5.3	4.2	2.2
111713	4G0.75	5.8	5.5	2.9
118995	5G0.75	6.4	6.7	3.6
<b>1.0 mm<sup>2</sup></b>				
110199	3G1.0	5.8	5.4	2.9
110198	4G1.0	6.3	6.6	3.9
110144	5G1.0	6.8	8.1	4.8
<b>1.5 mm<sup>2</sup></b>				
110171	3G1.5	6.4	7.2	4.3
110172	4G1.5	7.1	9.3	5.8
110173	5G1.5	7.8	11.4	7.2
<b>2.5 mm<sup>2</sup></b>				
110329	3G2.5	7.8	10.4	7.2
110176	4G2.5	8.7	14.7	9.6
100866	5G2.5	9.6	18.2	12.0

CE These products are in conformity with the EU Low Voltage Directive 2006/95/EC