

PUR Coil cables unshielded

LÜTZE PURFLEX



Application

- Machine and device construction, transport and conveyor technology
- Especially for industrial environments, machines and plants
- Lifting platforms, test benches and measuring systems as well as door drives

Properties

- Very good restoring force
- Low adhesion, abrasion-proof, nick-resistant, tear-propagation-resistant
- Hydrolysis-resistant, microbe-resistant, and rot-resistant
- Weathering, ozone and UV resistant (normal lighting conditions)
- Good industrial- and salt water resistance
- Widely resistant to oils, greases, alcohol-free benzines and kerosene
- Free from paint wetting disruptive substances (LABS-free), RoHS-compliant

Technical data

Voltage	
U ₀ /U	300/500 V
Test voltage	3000 V
Insulation resistance	min. 20 MΩ × km
Temperature range	
moving	-20 °C to +80 °C
unmoving	-40 °C to +80 °C

Design

- Bare copper wire, multi-strand according to DIN VDE 0295 class 5, IEC 60228 class 5
- Special PVC conductor insulation
- 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
- starting with 6 conductors black with white number print according to DIN EN 50334
- Ground conductor green/yellow according to DIN EN 50334 in the top layer
- Polyurethane jacket, matt, adhesion-free surface
- Jacket colour
- up to 5-wires orange RAL 2003
- starting with 6-wires black RAL 9005

Part-No.	Number of strands/cross-section	Coil-∅ approx. mm	Spiral length, WL mm	Max. extension length, AL mm	Connection end, AE mm
PURFLEX					
190003	3 × 1.5	30	500	2250	250
190007	3 × 1.5	30	1000	4000	250
190012	3 × 1.5	30	1500	5750	250
190016	3 × 1.5	30	2000	7500	250
190004	4 × 1.5	33	500	2250	250
190008	4 × 1.5	33	1000	4000	250
190013	4 × 1.5	33	1500	5750	250
190017	4 × 1.5	33	2000	7500	250
190005	5 × 1.5	40	500	2250	250
190009	5 × 1.5	40	1000	4000	250
190014	5 × 1.5	40	1500	5750	250
190018	5 × 1.5	40	2000	7500	250
190559	5 × 1.5	40	2000	7000	600
190570	7 × 1.5	46	1000	4000	600
190560	7 × 1.5	46	2000	7000	600
190006	12 × 1.5	70	500	2250	250
190010	12 × 1.5	70	1000	4000	250
190015	12 × 1.5	70	1500	5750	250
190019	12 × 1.5	70	2000	7500	250

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