

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-Ø approx. mm	Spiral length, WL mm	Max. extension length, AL mm	Connection end, AE mm
PURFLEX					
190003	3G1.5	30	500	2250	250
190007	3G1.5	30	1000	4000	250
190012	3G1.5	30	1500	5750	250
190016	3G1.5	30	2000	7500	250
190004	4G1.5	33	500	2250	250
190008	4G1.5	33	1000	4000	250
190013	4G1.5	33	1500	5750	250
190017	4G1.5	33	2000	7500	250
190005	5G1.5	40	500	2250	250
190009	5G1.5	40	1000	4000	250
190014	5G1.5	40	1500	5750	250
190018	5G1.5	40	2000	7500	250
190559	5G1.5	40	2000	7000	600
190570	7G1.5	46	1000	4000	600
190560	7G1.5	46	2000	7000	600
190006	12G1.5	70	500	2250	250
190010	12G1.5	70	1000	4000	250
190015	12G1.5	70	1500	5750	250
190019	12G1.5	70	2000	7500	250

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