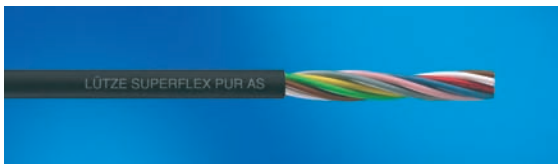


PUR actor-sensor cables · c-track suitable

LÜTZE SUPERFLEX® TRONIC AS PUR LÜTZE SUPERFLEX® ASB PUR KOMBI



Application

- Machine and device construction, transport and conveyor technology
- Actor, sensor technology
- Combination cable SUPERFLEX® ASB for actuator box, schleppfähig
- Through full PUR jacket, optimally suited for c-tracks, extremely harsh operating conditions and aggressive coolants and lubricants

Properties

- Flame-retardant, self-extinguishing
- Very good alternating bending strength
- Good pressure and roll-over resistance
- Low adhesion, 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 silicone paint wetting impairment substances (LABS-free), RoHS-compliant

Technical data

UL approval	300 V 80 °C
Rated voltage	300 V
Test voltage	3000 V
Insulation resistance	min. 20 MΩ × km
Temperature range	
moving	-25 °C to +80 °C
fixed	-40 °C to +80 °C

Minimum bending radius

moving	Cable diameter × 7.5
fixed	Cable diameter × 4

Burning behaviour

Flame-retardant according to VDE 0482 part 265-2; DIN EN 50265-2; IEC 60332-1; UL 1581 section VW-1 Flame-Test; CSA FT 1

Halogen-free

according to DIN EN 50264-1; EN 50267-2-1 and EN 60684-2

Design

- Bare copper wire, finest multi-strand according to DIN VDE 0295 class 6, IEC 60228 class 6
- Special-TPE conductor insulation
- Conductors colour-coded
- Full polyurethane jacket, matt, adhesion-free surface
- Jacket colour grey RAL 7001 and black RAL 9005

Part-No.	Number of strands/cross-section/ strand colours	Outer-∅ approx. mm	Weight kg/100 m	Cu-Index kg/100 m
LÜTZE-SUPERFLEX-TRONIC PUR AS jacket grey				
117304	3×0.34 brown, blue, black	4.3	4.0	1.0
117305	4×0.34 brown, blue, black, white	4.5	4.8	1.3
117306	5×0.34 brown, blue, black, white, greenyellow	4.9	6.2	1.6
117307	3×0.5 brown, blue, greenyellow	4.7	5.5	1.5
LÜTZE-SUPERFLEX® ASB PUR black jacket				
110870	3G1.0+4×0.34 1.0: brown, blue, greenyellow 0.34: white, green, yellow, grey	7.5	8.5	4.2
110871	3G1.0+6×0.34 1.0: brown, blue, greenyellow 0.34: white, green, yellow, grey, pink, red	7.8	9.1	4.9
110872	3G1.0+8×0.34 1.0: brown, blue, greenyellow 0.34: white, black, green, yellow, grey, pink, violet, red	8.2	9.9	5.5
110873	3G1.0+12×0.34 1.0: brown, blue, greenyellow 0.34: white, green, yellow, grey, pink, violet, red, greypink, redblue, whitegreen, browngreen, white yellow, yellowbrown	8.8	11.3	6.8
110874	3G1.0+16×0.34 1.0: brown, blue, greenyellow 0.34: white, green, yellow, grey, pink, red, black, violet, greypink, redblue, whitegreen, browngreen, whiteyellow, yellowbrown, whitegrey, greybrown	9.7	13.5	8.1
110875	5G1.0 + 4×0.34 1.0: brown, blue, greenyellow 0.34: white, green, yellow, grey	9.1	10.8	4.9
110876	5G1.0 + 6×0.34 1.0: brown, blue, greenyellow 0.34: white, green, yellow, grey, pink, red	9.4	15.5	5.6
110877	5G1.0 + 8×0.34 1.0: brown, blue, greenyellow 0.34: white, green, yellow, grey, pink, red, black, violet	9.8	18.2	6.2
110878	5G1.0 + 12×0.34 1.0: brown, blue, greenyellow 0.34: white, green, yellow, grey, pink, violet, red, greypink, redblue, whitegreen, browngreen, white yellow, yellowbrown	10.5	25.5	7.5
110879	5G1.0 + 16×0.34 1.0: brown, blue, greenyellow 0.34: white, green, yellow, grey, pink, red, black, violet, greypink, redblue, whitegreen, browngreen, whiteyellow, yellowbrown, whitegreen, greybrown	12.4	31.8	8.8

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