

# Technical data sheet · LÜTZE SUPERFLEX® TRONIC AS PUR



PUR actuator cables or cables c-track compatible

<b>Identification</b>	Type	4×0.34 UL
	Part-No.	117305
<b>Use/Area of application</b>		
Application	<ul style="list-style-type: none"><li>• Machine and device construction, transport and conveyor technology</li><li>• Actor, sensor technology</li><li>• Combination cable SUPERFLEX® ASB for actuator box, schleppfähig</li><li>• Through full PUR jacket, optimally suited for c-tracks, extremely harsh operating conditions and aggressive coolants and lubricants</li></ul>	
Properties	<ul style="list-style-type: none"><li>• Flame-retardant, self-extinguishing</li><li>• Very good alternating bending strength</li><li>• Good pressure and roll-over resistance</li><li>• Low adhesion, abrasion-proof, nick-resistant, tear-propagation-resistant</li><li>• Hydrolisis-resistant, microbe-resistant, and rot-resistant</li><li>• Weathering, ozone and UV resistant (normal lighting conditions)</li><li>• Good industrial- and salt water resistance</li><li>• Excellent coolant and lubricant resistance</li><li>• Widely resistant to oils, greases, alcohol-free benzines and kerosene (see tech. information)</li><li>• Free from paint wetting disruptive substances (LABS-free), RoHS-compliant</li></ul>	
<b>Technical data</b>		
Rated voltage	300 V	
Test voltage	3000 V	
Insulation resistance	min. 20 MΩ × km	
Temperature range	moving	-5 °C to +80 °C

24.11.2007 – Subject to technical modification

Part-No. 117305

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Minimum bending radius	fixed	-40 °C to +80 °C
	moving	Cable diameter × 7.5
Radiation-resistance	fixed	Cable diameter × 4
	$5 \times 10^7$ cJ/kg	
Burning behaviour	Flame-retardant according to VDE 0482 T. 265-2-1; IEC 60332-1	
Halogen-free	according to DIN EN 50264-1, EN 50267-2-1 and EN 60684-2	
Number of strands/cross-section	4×0,34 UL	
Outer-∅	4.6 approx. mm	
Weight	4.8 kg/100 m	
Cu-Index	1.3 kg/100 m	

## Design

Strand colours	brown, blue, black, white
Conductor structure	Bare copper wire, finest multi-strand according to DIN VDE 0295 class 6, IEC 60228 class 6
Conductor insulation	Special-TPE conductor insulation
Conductor labelling	Conductors colour-coded
Outer jacket	Full polyurethane jacket, matt, adhesion-free surface
Jacket colour	grey

## General

Note	CE These products are in conformity to the EC Low Voltage Directive 73/23/EWG or 93/68/EWG respectively
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## Logo



halogenfree

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