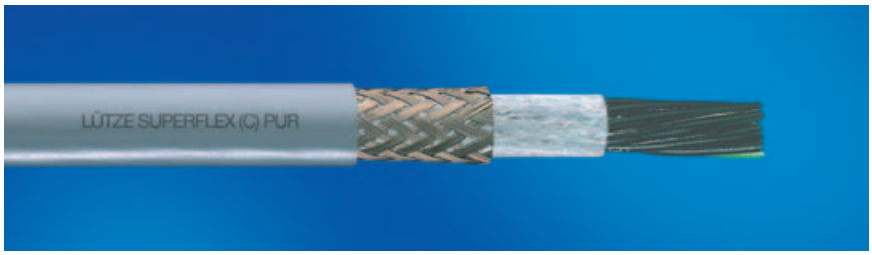
Technical data sheet · LÜTZE SUPERFLEX® N (C) PUR



PUR C-track cable · For the highest requirements

Identification	Type	(7×1.5)
	Part-No.	118834

Use/Area of application	
Application	• Machine and device construction, transport and conveyor technology • Through full PUR jacket suited for c-tracks, extremely harsh operating conditions, aggressive coolants and lubricants • Special for industrial environments with interference potential, in machines, plant and device construction
Properties	• Extreme space-saving design • Low capacitance, very good electrical properties • High active and passive interference resistance • Braided shield optimised for continuous flexible use • Halogen-free, no corrosive gases • Very good alternating bending strength • Low adhesion, abrasion-proof, nick-resistant, tear-propagation-resistant • Hydrolisis-resistant, microbe-resistant, and rot-resistant • Weathering, ozone and UV resistant (normal lighting conditions) • Good industrial- and salt water resistance • Excellent coolant and lubricant 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	

10.05.2007 – Subject to technical modification

Part-No. 118834

USA: LUTZE INC.
13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1-704-504-02 22 • Fax +1-704-504-02 23
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.
Unit 4, Brabazon Court • Borman
Lichfield Road Industrial Estate • GB-Tamworth, Staffordshire B79 7TA
Tel. +44-18 27-3 13 33-0 • Fax +44-18 27-3 13 33-2
www.lutze.com • sales.gb@lutze.co.uk

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Isolation resistance	min. 100 MΩ × km	
Temperature range	moving	-25 °C to +80 °C
	fixed	-40 °C to +80 °C
Minimum bending radius	moving	Cable diameter × 12
	fixed	Cable diameter × 6
Halogen-free	according to DIN EN 20264 / EN 50267 / 60684	
Number of strands/cross-section	(7×1,5)	
Outer-∅	10.2 approx. mm	
Weight	17.5 kg/100 m	
Cu-Index	15.0 kg/100 m	

Design

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 black with white number print according to DIN EN 50334
Ground conductor	green/yellow according to DIN EN 50334 in the top layer
Stranding	Conductors twisted without mechanical stress, layer pitch optimised
Banding	Non-woven material over stranded cable
Overall shield	Meshwork shielding from galvanised Cu wire, optical covering ≥ 85 %.
Outer jacket	Full polyurethane jacket, matt, adhesion-free surface
Jacket colour	grey RAL 7001

General data

Note	CE These products are in conformity to the EC Low Voltage Directive73/23/EWG or 93/68/EWG respectively

Logo

halogenfree

low capacity

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