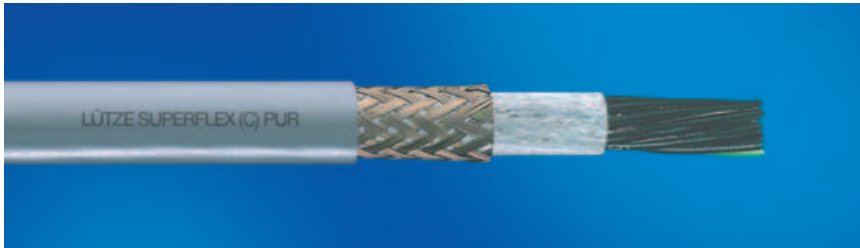


Technical data sheet · LÜTZE SUPERFLEX® N (C) PUR



PUR C-track cable · For the highest requirements

| | | |
|-----------------------|----------|---------|
| Identification | Type | (7×1.0) |
| | Part-No. | 118824 |

Use/Area of application

| | |
|-------------|---|
| Application | <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• 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• Hydrolysis-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. 118824

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Systematic Technology

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

| | | |
|---------------------------------|--|---------------------|
| 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 | (7×1,0) | |
| Outer-∅ | 8.5 approx. mm | |
| Weight | 11.9 kg/100 m | |
| Cu-Index | 9.8 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 Directive 73/23/EWG or 93/68/EWG respectively |
|------|---|

Logo

halogenfree

low capacity

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