

Technical data sheet · LÜTZE SUPERFLEX® N



PVC C-track cable

Identification	Type	40×0.5
	Part-No.	108204
Use/Area of application		
Application	<ul style="list-style-type: none"> • Machine and device construction, transport and conveyor technology, heating, climate technology • In dry and moist rooms • As control, measurement and control cable for continuous moving and medium operating conditions • In energy command chains and everywhere where signals are transmitted to continuously moving system or machine parts 	
Properties	<ul style="list-style-type: none"> • Through construction and material suitable for continuous movement application. • PVC Flame-retardant, self-extinguishing • Widely resistant to oils, greases, acids and bases (see tech. information) • 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	-5 °C to +80 °C
	fixed	-25 °C to +80 °C
Minimum bending radius	moving	Cable diameter × 10
	fixed	Cable diameter × 4
Jacket material	Thermal pressure resistance according to DIN VDE 60881 up to 80 °C	

23.11.2007 – Subject to technical modification

Part-No. 108204

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273
 Tel.: +1 (704) 504-0222 • Fax: +1 (704) 504-0223
 www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3 Sandy Hill Park
 Sandy Way, Amington • GB-Tamworth, Staffs, B77 4DU
 Tel.: +44 (0)1827 31333-0 • Fax: +44 (0)1827 31333-2
 www.lutze.com • sales.gb@lutze.co.uk



Systematic Technology

Technical data sheet · LÜTZE SUPERFLEX® N

Cold flexibility	-25 °C
Radiation-resistance	8×10^7 cJ/kg
Burning behaviour	Flame-retardant according to VDE 0482 section 265-2-1 DIN EN 50265-2-2
Number of strands/cross-section	40 × 0,5
Outer-∅	14.0 approx. mm
Weight	30.3 kg/100 m
Cu-Index	19.2 kg/100 m

Design

Conductor structure	Bare copper wire, superfine strand according to DIN VDE 0295 Kl. 6, IEC 60228 cl. 6
Conductor insulation	Special PVC conductor insulation TI2 according to VDE 0281 or HD 21.1
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
Outer jacket	Jacket special PVC TM3 according to VDE 0281 or HD21.1
Jacket colour	grey RAL 7001

General

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

23.11.2007 – Subject to technical modification

Part-No. 108204

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273
Tel.: +1 (704) 504-0222 • Fax: +1 (704) 504-0223
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3 Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs, B77 4DU
Tel.: +44 (0)1827 31333-0 • Fax: +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk