

# Technical data sheet · LÜTZE SUPERFLEX® PLUS PUR 0.6/1kV

PUR motor cables · C-track compatible



<b>Identification</b>	Type	SU+PUR 1G25 UL 1KV GNGE
	Part-No.	111337
<b>Use/Application/Characteristics</b>		
Application	<ul style="list-style-type: none"><li>• PE cable, specifically for machine and device construction for transport and conveyor technology</li><li>• As grounding cable, cable carrier suitable</li><li>• Through full PUR jacket and TPE insulation optimally suited for cable carriers, extremely harsh operating conditions, aggressive coolants and lubricants</li></ul>	
Characteristics	<ul style="list-style-type: none"><li>• Halogen-free, no corrosive gases</li><li>• Very good alternating bending strength</li><li>• Low adhesion, abrasion-resistant, nick-resistant, tear-propagation-resistant</li><li>• Hydrolysis-resistant, microbe-resistant, and rot-resistant</li><li>• Weatherproof, ozone and UV resistant (normal lighting conditions)</li><li>• Good ruggedness and salt water resistance</li><li>• Excellent coolant and lubricant resistance</li><li>• Resistant to most oils, greases, alcohol-free benzines and kerosene</li><li>• Silicone free</li><li>• RoHS compliant</li></ul>	
<b>Construction</b>		
Description	SUPERFLEX+ PUR 0.6/1 kV	
Number of conductors/cross-section	1G25	
Jacket material	PUR	
Jacket color	green-yellow	

28.04.2017 – Subject to technical modification

Part-No. 111337

USA: LUTZE INC.

13330 South Ridge Drive · Charlotte, NC 28273, USA

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<sup>®</sup> PLUS PUR 0.6/1kV

---

Outer Ø	11.4 mm
Outer Ø	0.449 inches
Surface	adhesion-free matt
Weight	30.6 kg/100 m
Weight	206 Lbs/Mft
Cu-Index	23.3 kg/100 m
Cu-Index	157 Lbs/Mft

### Element 1

Element construction	1G25
Conductor	CU-wire bare
Conductor category	IEC 60228, Class 6 Superfinely stranded DIN VDE 0295 class 6
Conductor marking	green/yellow
Conductor insulation	Special TPE

### overall construction

Jacket characteristics	Flame-retardant Oil resistant grease-resistant petrol-resistant (alcohol-free) kerosene-resistant Silicone-free Halogen free
------------------------	--

---

### Technical data

Rated voltage UL	1000 V
Test voltage type	AC 4000 V
Temperature range moving	-25 °C ... +80 °C
Temperature range fixed	-40 °C ... +80 °C
Minimum bending radius moving	7.5×D
Minimum bending radius fixed	6×D

### Element 1

Element construction	1G25
----------------------	------

---

### Approvals/Standards

Approvals	cURus
UL style	AWM 10587

28.04.2017 – Subject to technical modification

Part-No. 111337

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA

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® PLUS PUR 0.6/1kV

Conformity	CE RoHS REACH
Burning behavior according to	IEC 60332-1 DIN EN 60332-1-2 VDE 0482 322-1-2 UL 1581 Part 1080 VW-1 UL FT1
Oil resistant according to	UL 4d100C VDE 0282 T 10 DIN EN 60811-2-1
Halogen free according to	DIN EN 60754-1 IEC 60754-1

## General

Note	Will be converted to UL certification in 2007
Note	CE These products are in conformity with the EU Low Voltage Directive 2014/35/EU

## Symbols



28.04.2017 – Subject to technical modification

Part-No. 111337

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA  
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