

## Technical data sheet

### Flexible Control Cable for Stationary Applications · Unshielded

#### LUTZE SILFLEX® N PVC



#### Identification

Type SI N PVC 7GAWG14  
Part No. [108383A](#)

#### Product version

Datasheet version 00

#### Use/Application/Properties

Application

- Machine tools, machine and plant construction, VAC technology as well as other uses.
- Compliant with NFPA 79, Article 12.9

Properties

- Specially formulated gray PVC jacket for oil resistance
- Most flexible design without Nylon for easy stripping and easy installation
- Easy routing and bending due to flexibility
- Easy strip design especially suited for cable assemblies
- Resistance to many oils, coolants and solvents
- Non-wicking fillers
- Talc free and silicone free

#### Construction

Description SILFLEX® N PVC  
Number of conductors/cross-section 7×AWG14  
Number of conductors 7  
Cross-section, metric 2.5 mm<sup>2</sup>  
Cross-section AWG AWG 14  
Jacket material PVC  
Jacket color grey similar to RAL 7001  
Outer Ø 13.4 mm  
Outer Ø 0.529 inch  
Weight 183 Lbs/Mft  
Cu-Index 89 Lbs/Mft

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SYSTEMATIC TECHNOLOGY

## Technical data sheet

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#### Construction Element 1

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Element construction	AWG14/7C
Conductor construction	AWG 14 (41/30)
Conductor	AWG conductor CU-wire bare
Conductor category	fine wire Class K
Conductor marking	black · with white number print · green/yellow
Conductor insulation	PVC

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#### Overall construction

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Jacket characteristics	Flame-retardant Oil resistant mineral oil-resistant coolant-resistant solvent-resistant Silicone-free
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#### Technical data

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Rated voltage $U_N$	600 V UL AWM 90 °C
Temperature range fixed	-40 °C ... +90 °C
Minimum bending radius fixed	4×D

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#### Technical Data Element 1

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Element construction	AWG14/7C
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#### Certifications/Standards

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Certifications	cURus AWM I/II A/B FT4
UL style	AWM 2587
Conformity	CE RoHS REACH TSCA
Burning behavior according to	UL VW-1
Oil resistant according to	Oil Res II

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#### General

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Note	CE These products are in conformity with the EU Low Voltage Directive 2014/35/EU
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