

# Technical data sheet · LÜTZE SILFLEX® N PVC with UL/CE Approvals



Flexible Control Cable · Unshielded

<b>Identification</b>	Type	AWG18/25C
	Part-No.	108363A

## Use/Application/Characteristics

Application	<ul style="list-style-type: none"><li>• Multi-conductor cable for machine tools, handling equipment, machine and plant construction, transport and conveying technology</li><li>• Easy strip design specially suited for cable assemblies</li></ul>
Characteristics	<ul style="list-style-type: none"><li>• Most flexible design without Nylon for easy stripping and easy installation</li><li>• Easy routing and bending due to flexibility</li><li>• Specially formulated gray PVC jacket for oil resistance</li><li>• Resistant to mineral oils, coolants and solvents</li><li>• Non-wicking fillers</li></ul>

## Construction

Description	SILFLEX N PVC
Number of conductors/cross-section	25×AWG18
Jacket material	PVC
Jacket color	grey RAL 7001
Outer Ø	16 mm
Outer Ø	0.63 inches
Weight	263 Lbs/Mft
Cu-Index	125 Lbs/Mft

## Element 1

28.04.2017 – Subject to technical modification

Part-No. 108363A

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SYSTEMATIC TECHNOLOGY

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Element construction	AWG18/25C
Conductor construction	AWG 18 (16/30)
Conductor	AWG conductor CU-wire bare
Conductor category	fine wire
Conductor marking	black with white number print green/yellow
Conductor insulation	PVC

### overall construction

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

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

### Element 1

Element construction	AWG18/25C
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### Approvals/Standards

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

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### General

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



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