

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



Flexible Control Cable · Unshielded

Identification	Type	AWG16/18C
	Part-No.	108377A

Use/Application/Characteristics

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

Construction

Description	SILFLEX N PVC
Number of conductors/cross-section	18×AWG16
Jacket material	PVC
Jacket color	grey RAL 7001
Outer Ø	15.5 mm
Outer Ø	0.61 inches
Weight	274 Lbs/Mft
Cu-Index	147 Lbs/Mft

Element 1

28.04.2017 – Subject to technical modification

Part-No. 108377A

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SYSTEMATIC TECHNOLOGY

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Element construction	AWG16/18C
Conductor construction	AWG 16 (26/30)
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	AWG16/18C
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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

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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