

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



Flexible Control Cable · Unshielded

Identification	Type	AWG18/03C
	Part-No.	108357A

Use/Application/Characteristics

Application	• 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	• 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	3×AWG18
Jacket material	PVC
Jacket color	grey RAL 7001
Outer Ø	6.7 mm
Outer Ø	0.263 inches
Weight	41 Lbs/Mft
Cu-Index	15 Lbs/Mft

Element 1

28.04.2017 – Subject to technical modification

Part-No. 108357A

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 SILFLEX® N PVC with UL/CE Approvals

Element construction	AWG18/3C
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
------------------------	--

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	AWG18/3C
----------------------	----------

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
------	--

Symbols



28.04.2017 – Subject to technical modification

Part-No. 108357A

USA: LÜTZE 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



28.04.2017 – Subject to technical modification

Part-No. 108357A

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