

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



Flexible Control Cable · Unshielded

| | | |
|-----------------------|----------|-----------|
| Identification | Type | AWG20/05C |
| | Part-No. | 108352A |

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 | 5×AWG20 |
| Jacket material | PVC |
| Jacket color | grey RAL 7001 |
| Outer Ø | 7.2 mm |
| Outer Ø | 0.282 inches |
| Weight | 46 Lbs/Mft |
| Cu-Index | 16 Lbs/Mft |

Element 1

28.04.2017 – Subject to technical modification

Part-No. 108352A

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

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| | |
|------------------------|--|
| Element construction | AWG20/5C |
| Conductor construction | AWG 20 (10/30) |
| 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 | AWG20/5C |
|----------------------|----------|

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



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