

UL 3132



Technical data

- Silicone single core according to UL Style 3132
- **Temperature range**
-60 °C to + 150 °C
- **Nominal voltage** 300 V
- **Minimum bending radius**
15 x cable diameter

Properties

- Halogen-free
- Resistant to high molecular oils, fats, alcohols, plasticizers and diluted acids;
Resistant to lyes, salt dissolution, oxidation substances, lake water and oxygen.

Cable structure

- Tinned copper conductors
- Silicon core insulation

Application

UL 3132 silicone rubber hook-up wires are mainly used in the steel producing industries, aviation industries as well as in ship building factories, etc. where the high temperature rating of the wires are required.

AWM = Appliance Wiring Material

UL = Underwriters Laboratories Inc. (USA)

UL File NO. E334907

| AWG-no. | Outer Diameter mm | Cable Weight kg/km | Max. Cond. Resistance at 20 °C Ohm/km |
|---------|-------------------|--------------------|---------------------------------------|
| 30 | 1.05 | 1.58 | 361.0 |
| 28 | 1.19 | 2.15 | 239.0 |
| 26 | 1.30 | 2.81 | 150.0 |
| 24 | 1.41 | 3.72 | 94.2 |
| 22 | 1.56 | 5.06 | 59.4 |
| 20 | 1.75 | 7.12 | 36.7 |
| 18 | 1.98 | 10.12 | 23.2 |
| 16 | 2.30 | 15.11 | 14.6 |

UL 3135



Technical data

- Silicone single core according to UL Style 3135
- **Temperature range**
-60 °C to + 200 °C
- **Nominal voltage** 600 V
- **Minimum bending radius**
15 x cable diameter

Properties

- Halogen-free
- Resistant to high molecular oils, fats, alcohols, plasticizers and diluted acids; Resistant to lyes, salt dissolution, oxidation substances, lake water and oxygen.

Cable structure

- Tinned copper conductors
- Silicon core insulation

Application

UL 3135 silicone rubber hook-up wires are mainly used in the steel producing industries, aviation industries as well as in ship building factories, etc. where the high temperature rating of the wires are required.

AWM = Appliance Wiring Material

UL = Underwriters Laboratories Inc. (USA)

UL File NO. E334907

| AWG-no. | Outer Diameter mm | Copper Weight kg/km | Cable Weight kg/km |
|---------|-------------------|---------------------|--------------------|
| 24 | 2.1 | 1.9 | 6.3 |
| 22 | 2.4 | 3.6 | 9.2 |
| 20 | 2.6 | 6.0 | 12.3 |
| 18 | 2.8 | 8.6 | 15.5 |
| 16 | 3.0 | 13.3 | 21.0 |
| 14 | 3.4 | 20.5 | 29.7 |
| 12 | 3.8 | 32.6 | 43.2 |

UL 3212



Technical data

- Silicone single core according to UL Style 3212
- **Temperature range**
-60 °C to + 150 °C
- **Nominal voltage** 600 V
- **Minimum bending radius**
15 x cable diameter

Properties

- Halogen-free
- Resistant to high molecular oils, fats, alcohols, plasticizers and diluted acids;
Resistant to lyes, salt dissolution, oxidation substances, lake water and oxygen.

Cable structure

- Tinned copper conductors
- Silicon core insulation

Application

UL 3212 silicone rubber hook-up wires are mainly used in the steel producing industries, aviation industries as well as in ship building factories, etc. where the high temperature rating of the wires are required.

AWM = Appliance Wiring Material
UL = Underwriters Laboratories Inc. (USA)
UL File NO. E334907

| AWG-no. | Outer Diameter mm | Cable Weight kg/km | Max. Cond. Resistance at 20 °C Ohm/km |
|---------|-------------------|--------------------|---------------------------------------|
| 26 | 2.90 | 10.01 | 150.00 |
| 24 | 3.01 | 11.30 | 94.20 |
| 22 | 3.16 | 13.16 | 59.40 |
| 20 | 3.35 | 15.87 | 36.70 |
| 18 | 3.58 | 19.66 | 23.20 |
| 16 | 3.93 | 26.40 | 14.60 |
| 14 | 4.28 | 34.62 | 8.96 |
| 12 | 4.77 | 47.99 | 5.64 |
| 10 | 5.40 | 69.46 | 3.55 |

UL 3512



Technical data

- Silicone single core according to UL Style 3512
- **Temperature range**
-60 °C to + 200 °C
- **Nominal voltage** 600 V
- **Minimum bending radius**
15 x cable diameter

Properties

- Halogen-free
- Resistant to high molecular oils, fats, alcohols, plasticizers and diluted acids;
Resistant to lyes, salt dissolution, oxidation substances, lake water and oxygen.

Cable structure

- Tinned copper conductors
- Silicon core insulation

Application

UL 3512 silicone rubber hook-up wires are mainly used in the steel producing industries, aviation industries as well as in ship building factories, etc. where the high temperature rating of the wires are required.

AWM = Appliance Wiring Material

UL = Underwriters Laboratories Inc. (USA)

UL File NO. E334907

| AWG-no. | Cross-sec. mm ² | Outer Diameter mm | Cable Weight kg/km | Max. Cond. Resistance at 20 °C Ohm/km |
|---------|-------------------------------|-------------------------|--------------------------|---|
| 20 | 0.50 | 2.48 | 10.20 | 40.10 |
| 18 | 0.75 | 2.69 | 13.17 | 26.70 |
| 17 | 1.00 | 2.87 | 16.03 | 20.00 |
| 16 | 1.50 | 3.14 | 21.14 | 13.70 |
| 14 | 2.50 | 3.58 | 31.00 | 8.21 |
| 12 | 4.00 | 4.15 | 46.87 | 5.09 |
| 10 | 6.00 | 5.48 | 74.75 | 3.39 |