High-temperature fluoropolymer, silicone & HV wires

UL 3367 300V Silicone

UL AWM 3367 300 V 150 °C Braidless Silicone Wire

UL 758 Style 3367 300 V 150 °C flexible white braidless silicone wire

UL AWM Style 3367 | 300 V · +150 °C | LSZH Halogen-Free



Application

UL 3367 300 V Braidless Silicone pairs flexible tinned copper with smooth white 150 °C halogen-free silicone rubber insulation for clean, flexible internal wiring in appliances, LED fixtures, and medical heaters.

Typical uses: Industrial ovens, kilns & thermal processing, Aerospace avionics, defence & instrumentation, Steelworks, glassworks & foundry equipment, Switchgear cabinets, motors & heating appliances

Construction





Cross-section, not to scale

1	Conductor	ASTM B172 / B33 Class K flexible tinned annealed copper · ASTM B172 / B33
2	Extruded insulation	White 150 °C braidless silicone rubber insulation · UL AWM Style 3367

Technical data

Typical values

Rated voltage	300 V	Test voltage	2 kV AC
Conductor	Tinned Cu · Cl.K	Insulation	White 150 °C braidless silicone rubber
Impedance / insulation	≥ 1,000 MΩ·km at 20 °C	Temp. range (fixed)	-60 °C to +150 °C
Temp. range (flexing)	-40 °C to +150 °C	Peak / short-circuit	+160 °C (5 s)
Min. bending radius	6 × OD (fixed)	Flame / fire rating	UL VW-1 / FT1 Flame
Thermal / chemical	Clean Braidless Strip	Mechanical / special	150 °C Continuous Silicone
Outer finish	White 300 V braidless silicone rubber		

Sizes

8 standard constructions

Tick the sizes you need and send this page to info@tebaoflex.com or WhatsApp +86 185 9591 3361.

Conductor AWG	Outer Ø ≈ mm	Max. R20 Ω/km	Metal index kg/km	Weight ≈ kg/km	Min. bend R 6×D mm
☐ 1×28 AWG	0.9	238.00	1	9	5.4
☐ 1×26 AWG	1.0	150.00	1	9	6.0
☐ 1×24 AWG	1.1	94.20	2	11	6.6
☐ 1×22 AWG	1.3	59.40	3	12	7.8
☐ 1×20 AWG	1.5	36.70	5	14	9.0
☐ 1×18 AWG	1.7	23.20	7	17	10.2
☐ 1×16 AWG	2.0	14.70	12	23	12.0
☐ 1×14 AWG	2.4	9.07	19	35	14.0

- Conductor DC resistance R20 at 20 °C per ASTM B172 / B33.
- Minimum bending radius calculated at 6 × nominal outer diameter (OD). Custom core counts and lengths available on request.

Standards and approvals

- UL AWM Style 3367
- UL 758
- CSA AWM I A/B
- EN 10204 3.1 Factory Test Certificate
- CE, RoHS 2 (2011/65/EU) & REACH

Certifications

Management systems: ISO 9001, ISO 14001, ISO 45001

Request a quotation

Send the size, length and destination. An application engineer replies within 2 business hours.

WhatsApp / phone
+86 185 9591 3361

Email
info@tebaoflex.com

Web
tebaoflex.com/cables/ul-3367-300v-150c-braidless-silicone-hook-up-wire

Typical values for this cable type, based on UL AWM Style 3367 · UL 758 · CSA AWM I A/B. Values for your order are confirmed in the quotation. Subject to change without notice. Jiangsu Tebaoflex Special Cable Co., Ltd., Taicang, Jiangsu, China.