

Hi-Volt Braidless Silicone 200

HIGH-VOLT LEAD WIRE

200C/3KV • 200C/5KV
200C/8KV • 200C/15KV

RATINGS / APPROVALS

200°C - 3KV, 5KV - NEMA WC 71
200°C - 8KV, 15KV - Factory Rated

CONSTRUCTION

Conductors

2AWG - 350 MCM

Stranded tinned copper

Insulating System

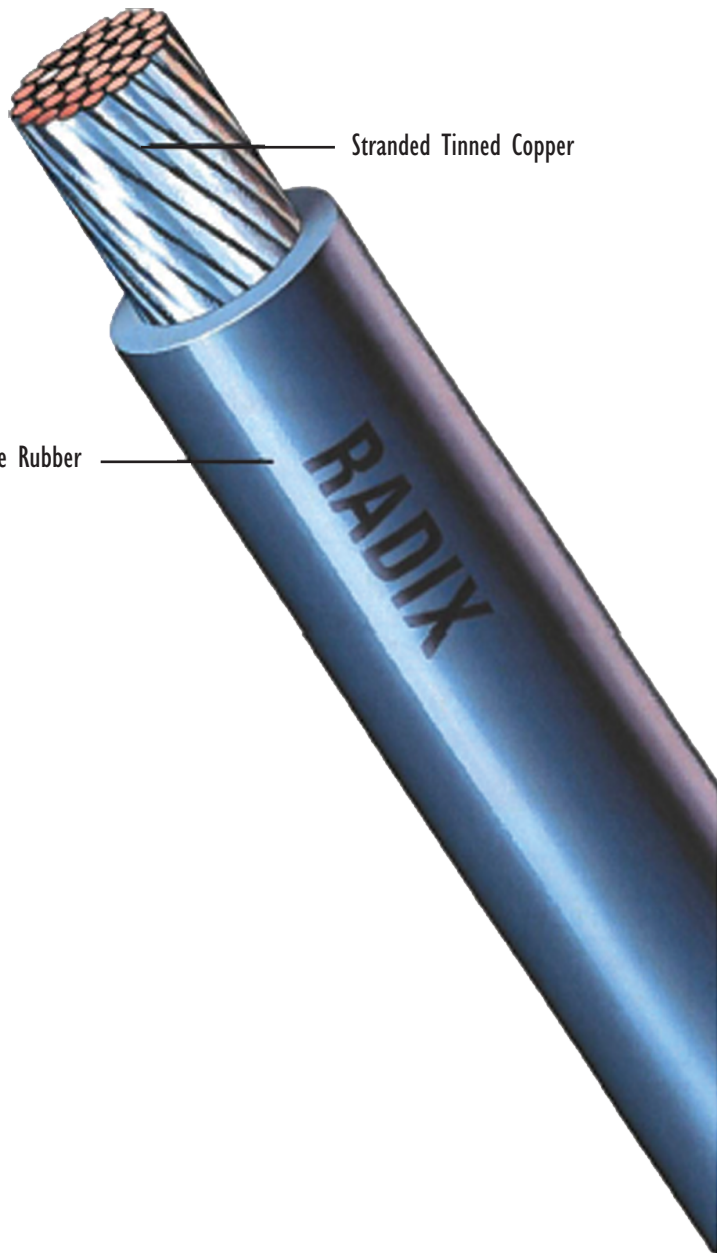
Extruded Silicone Rubber

Standard Color Coding

Available in Colors and Stripes

CHARACTERISTICS

- Superior flexibility
- Silicone formulation suitable for UV, ozone & moisture exposure.
- Not suited for immersed applications.
- Suitable for applications to -60°C



COPYRIGHT

This document is protected under copyright law and is the property of Radix Wire and Cable. Data contained herein is confidential to Radix Wire and Cable and this document and/or any part of the data contained herein may not be copied, duplicated or released for manufacturing or sale of equipment outside of Radix Wire and Cable or any affiliates without the prior written authorization of Radix Wire & Cable.

Hi-Volt Braidless Silicone 200

HIGH-VOLT LEAD WIRE

SPECIFICATIONS

BRAIDLESS SILICONE 200°C/3000V

Part No.	Temp Rating	Voltage Rating	Awg. Size	# Strands	Final O.D. (in)	Final O.D. (mm)	Wgt. (lbs/Mft)	Wgt. (kg/km)	Min. Bend Radius (in)	NEMA
JKA02T259	200C	3000V	2	259	0.580	14.73	300.84	447.72	4.64	WC7I
JKA01T259	200C	3000V	1	259	0.615	15.62	357.41	531.91	4.92	WC7I
JKAX1T259	200C	3000V	1/0	259	0.670	17.02	443.82	660.51	5.36	WC7I
JKAX2T259	200C	3000V	2/0	259	0.716	18.19	536.58	798.56	5.73	WC7I
JKAX4T259	200C	3000V	3/0	259	0.825	20.96	795.91	1184.50	6.60	WC7I
JKA35T427	200C	3000V	350 MCM	427	1.000	25.40	1249.68	1859.82	8.00	WC7I

BRAIDLESS SILICONE 200°C/5000V

Part No.	Temp Rating	Voltage Rating	Awg. Size	# Strands	Final O.D. (in)	Final O.D. (mm)	Wgt. (lbs/Mft)	Wgt. (kg/km)	Min. Bend Radius (in)	NEMA
JLA02T259	200C	5000V	2	259	0.638	16.21	347.00	516.42	5.10	WC7I
JLA01T259	200C	5000V	1	259	0.678	17.22	413.12	614.82	5.42	WC7I
JLAX1T259	200C	5000V	1/0	259	0.723	18.36	495.40	737.27	5.78	WC7I
JLAX2T259	200C	5000V	2/0	259	0.776	19.71	597.47	889.18	6.21	WC7I
JLAX4T259	200C	5000V	4/0	259	0.903	22.94	882.42	1313.25	7.22	WC7I
JLA35T427	200C	5000V	350 MCM	427	1.041	26.44	1289.08	1918.46	8.33	WC7I

BRAIDLESS SILICONE 200°C/8000V

Part No.	Temp Rating	Voltage Rating	Awg. Size	# Strands	Final O.D. (in)	Final O.D. (mm)	Wgt. (lbs/Mft)	Wgt. (kg/km)	Min. Bend Radius (in)	NEMA
JMA02T259	200C	8000V	2	259	0.691	17.55	365.33	543.70	5.53	N/A
JMA01T259	200C	8000V	1	259	0.726	18.44	425.41	633.11	5.81	N/A
JMAX1T259	200C	8000V	1/0	259	0.781	19.84	517.54	770.22	6.25	N/A
JMAX2T259	200C	8000V	2/0	259	0.827	21.01	614.91	915.13	6.62	N/A
JMAX4T259	200C	8000V	4/0	259	0.936	23.77	896.91	1334.81	7.49	N/A
JMA35T427	200C	8000V	350 MCM	427	1.111	28.22	1357.29	2019.97	8.89	N/A

BRAIDLESS SILICONE 200°C/15000V

Part No.	Temp Rating	Voltage Rating	Awg. Size	# Strands	Final O.D. (in)	Final O.D. (mm)	Wgt. (lbs/Mft)	Wgt. (kg/km)	Min. Bend Radius (in)	NEMA
JNA02T259	200C	15000V	2	259	0.918	23.32	513.22	763.79	7.34	N/A
JNA01T259	200C	15000V	1	259	0.958	24.33	620.60	923.60	7.66	N/A
JNAX1T259	200C	15000V	1/0	259	1.003	25.48	714.27	1063.00	8.02	N/A
JNAX2T259	200C	15000V	2/0	259	1.055	26.80	791.41	1177.81	8.44	N/A
JNAX3T259	200C	15000V	3/0	259	1.115	28.32	930.49	1384.79	8.92	N/A
JNAX4T259	200C	15000V	4/0	259	1.182	30.02	1101.97	1639.99	9.46	N/A
JNA35T427	200C	15000V	350 MCM	427	1.321	33.55	1588.54	2364.12	10.57	N/A

Standard conductor: Tinned Copper or Nickel Plated Copper (2%) as designated
Consult factory for alternative conductor and stranding options.

All dimensions listed above are nominal

Information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact the Radix factory for dimensional verification. Information herein is believed to be accurate as of publication date; however, if an error exists it is unintentional and Radix Wire & Cable is not responsible for any claim traceable to such error.

Use or disclosure of data contained on this sheet is subject to the restrictions on the title page.