

BRAIDED SILICONE 200

HIGH-TEMPERATURE LEAD WIRE

200C/300V and 200C/600V

RATINGS / APPROVALS

200°C - 300 Volts - UL Style 3122 / CSA AWM I A/B FT2

200°C - 600 Volts - UL Style 3231, 3071 3074, 3075 / CSA SEW-2 FT1

IEC 60332-1-2; 60332-1-3; and 60332-2-2 Vertical Flame Propagation

RoHS Compliant

CONSTRUCTION

Conductors

24 AWG - 16 AWG (300 Volt)

24 AWG - 4/0 AWG (600 Volt)

Stranded tinned copper or nickel-plated copper
(Other conductor materials available)

Insulating System

Extruded Silicone Rubber

Outer Covering

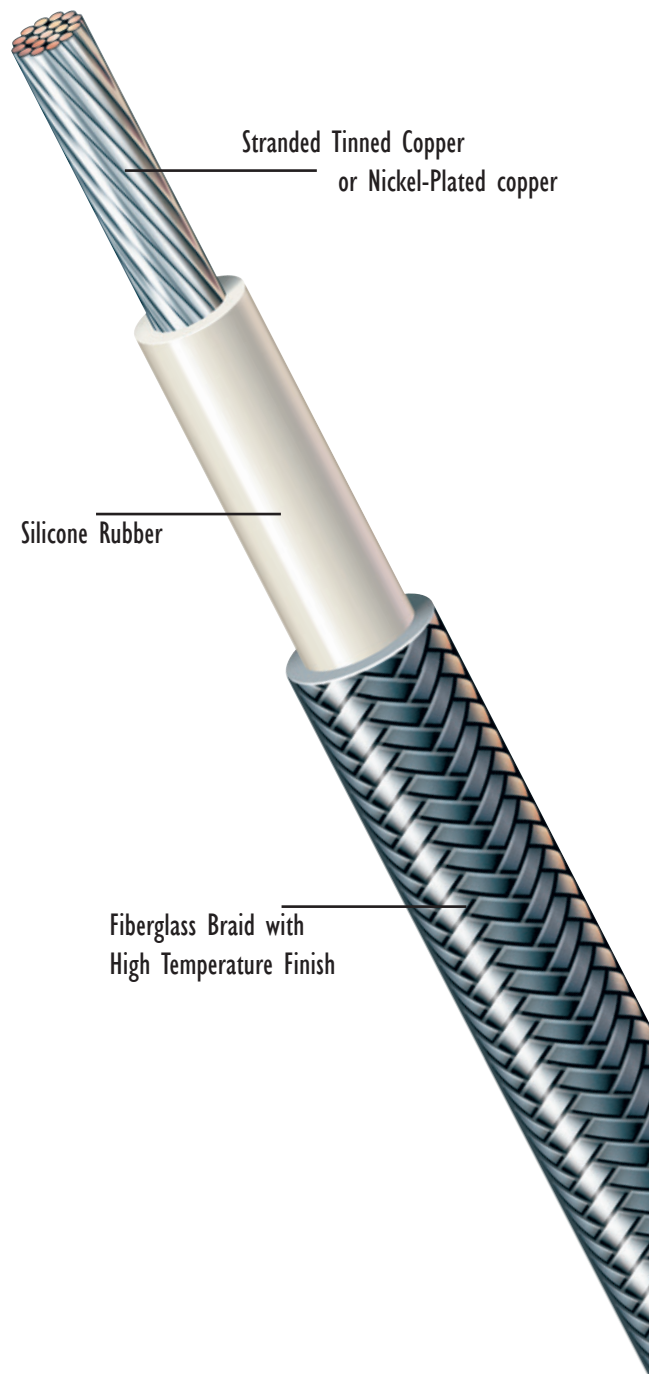
Braided fiberglass with a high temperature finish

Standard Color Coding

Available in Colors or Striped Combinations

CHARACTERISTICS

- Silicone formulations suitable for UV, ozone, moisture exposure.
- Not suited for immersed applications.
- Suitable for applications to -60°C
- Silicone rubber in extreme environments, exceeding 200°C, leaves a non-conductive ash and retains excellent insulation properties.



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.

BRAIDED SILICONE 200

HIGH-TEMPERATURE LEAD WIRE

SPECIFICATIONS

BRAIDED SILICONE 200C/300V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt. (lbs/Mft)	Wgt - kg per km	Min. Bend Radius (in)	UL	CSA
JIM22P007	22	7	0.074	1.88	4	6.56	0.59	3122	SEWF-1
JIM20P007	20	7	0.081	2.06	6	8.38	0.65	3122	SEWF-1
JIM18T007	18	7	0.090	2.29	8	11.50	0.72	3122	SEWF-1
JIM16T007	16	7	0.100	2.54	11	16.49	0.80	3122	SEWF-1

BRAIDED SILICONE 200C/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt. (lbs/Mft)	Wgt - kg per km	Min. Bend Radius (in)	UL	CSA
JGM24P007	24	7	0.102	2.59	6	8.72	0.82	3231	SEWF-2
JGM22P007	22	7	0.106	2.69	7	10.57	0.85	3231/3172	SEWF-2
JGM20P010	20	10	0.112	2.84	8	12.59	0.90	3231/3172	SEWF-2
JGM18P019	18	19	0.122	3.10	11	16.28	0.98	3231/3071	SEWF-2
JGM16P026	16	26	0.135	3.42	15	22.13	1.08	3231/3071	SEWF-2
JGM14P041	14	41	0.150	3.81	20	30.49	1.20	3231/3071	SEWF-2
JGM12P065	12	65	0.166	4.23	30	43.99	1.33	3231	SEWF-2
JGM10P105	10	105	0.221	5.61	49	73.00	1.77	3231	SEWF-2
JFM18T007	18	7	0.122	3.10	11	16.03	0.98	SF-2/3231	SEW-2
JFM16T007	16	7	0.133	3.38	14	21.53	1.06	SF-2/3231	SEW-2
JFM14T007	14	7	0.144	3.66	19	28.59	1.15	SF-2/3231	SEW-2
JFM12T019	12	19	0.160	4.06	29	42.46	1.28	3231	SEW-2
JFM10T019	10	19	0.214	5.44	48	70.74	1.71	3231	SEW-2
JFM08T061	8	61	0.290	7.37	84	125.62	2.32	3231	SEW-2
JFM06T084	6	84	0.361	9.16	124	184.05	2.88	3231	SEW-2
JFM04T133	4	133	0.395	10.03	170	253.39	3.16	3231*	SEW-2
JFM02T259	2	259	0.462	11.73	249	369.87	3.70	3231*	SEW-2
JFM01T259	1	259	0.533	13.54	318	473.05	4.26	3231*	SEW-2
JFMX1T259	1/0	259	0.588	14.94	400	595.26	4.70	3231*	SEW-2
JFMX2T259	2/0	259	0.634	16.10	489	728.00	5.07	3231*	SEW-2
JFMX3T259	3/0	259	0.683	17.35	600	893.27	5.46	3231*	SEW-2
JFMX4T259	4/0	259	0.743	18.87	740	1101.44	5.94	3231*	SEW-2

Standard conductor: Tinned Copper (Standard conductor for 20-22 AWG ONLY: Nickel Plated Copper - 2%)

Consult factory for alternative conductor and stranding options.

*Also referred to as **SRML**

All dimensions listed above are nominal

Compliance: UL Listed File No. E22244. CSA Certified File No. LL13427 or LL80670

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.



WIRE & CABLE

EST. 1944

Radix Wire & Cable
26000 Lakeland Boulevard, Euclid, OH 44132

Tel: 216 731-9191 • Fax: 216 731-7082

www.radix-wire.com