

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

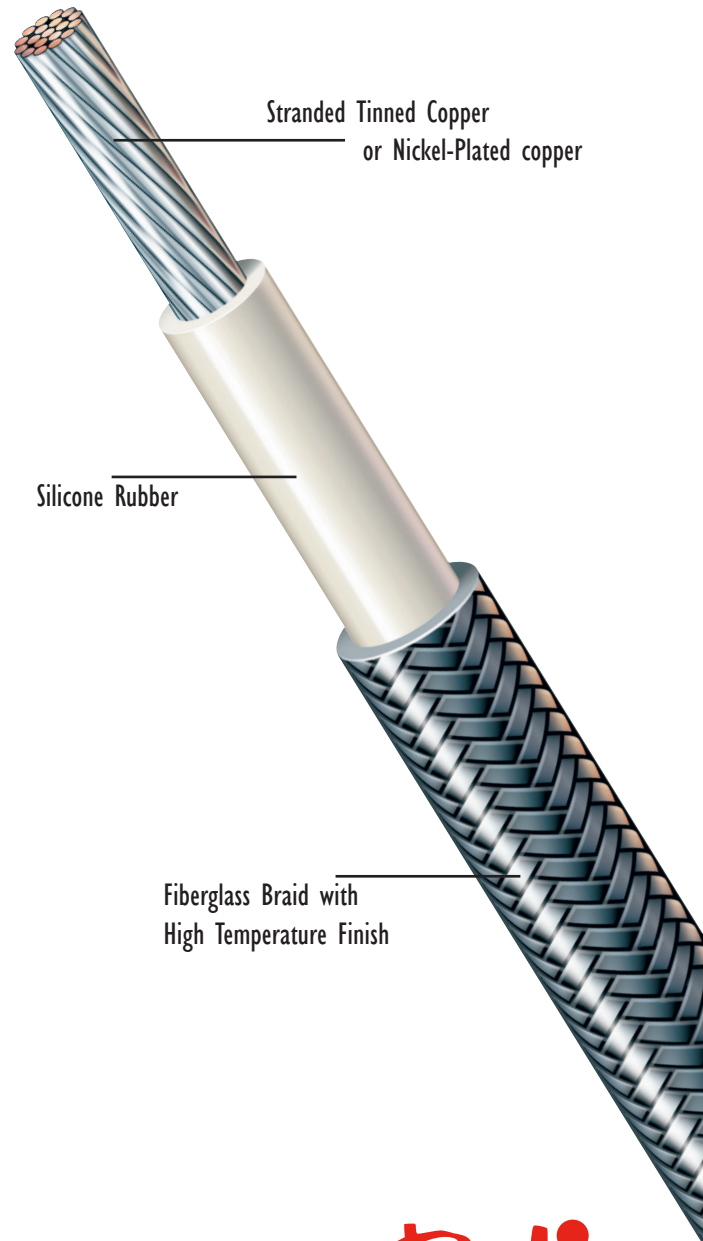
Braided fiberglass with a high temperature finish

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.



Radix™

Radix Wire

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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 is not responsible for any claim traceable to such error.

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