

## 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 Volts)

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

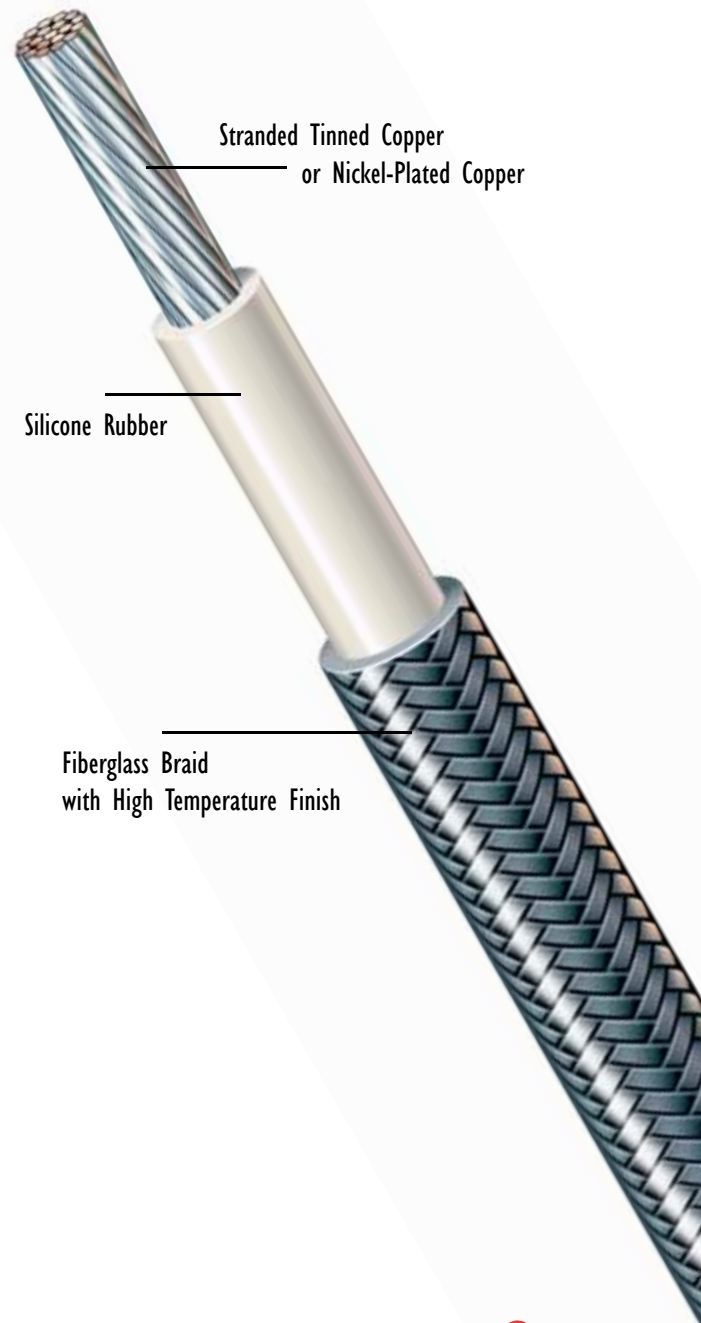
### Standard Color Coding

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.

UL VW-I optional (consult factory)



**Radix™**

# SPECIFICATIONS

# BRAIDED SILICONE 200 HIGH-TEMPERATURE LEAD WIRE

## BRAIDED SILICONE 200C/300V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
JJM22P007	22	7	0.073	1.85	4.45	6.62	3122	AWM I A/B FT2
JJM20P007	20	7	0.080	2.03	5.77	8.59	3122	AWM I A/B FT2
JJM18T007	18	7	0.094	2.31	8.42	12.53	3122	AWM I A/B FT2
JJM16T007	16	7	0.100	2.54	11.34	16.88	3122	AWM I A/B FT2

## BRAIDED SILICONE 200C/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
JGM24P007	24	7	0.102	2.59	6.21	9.24	3231	SEWF-2
JGM22P007	22	7	0.106	2.69	7.44	11.07	3231/3172	SEWF-2
JGM20P010	20	10	0.111	2.82	8.67	12.90	3231/3172	SEWF-2
JFM18T007	18	7	0.124	3.15	11.65	17.33	3231/3071	SEW-2
JFM16T007	16	7	0.134	3.40	15.39	22.90	3231/3071	SEW-2
JFM14T007	14	7	0.149	3.78	21.02	31.28	3231/3071	SEW-2
JFM12T019	12	19	0.166	4.22	29.58	44.02	3231	SEW-2
JFM10T019	10	19	0.220	5.59	48.75	72.55	3231	SEW-2
JFM08T061	8	61	0.290	7.37	84.41	125.62	3231	SEW-2
JFM06T084	6	84	0.361	9.16	124.88	185.85	3231	SEW-2
JFM04T133	4	133	0.404	10.26	179.39	266.97	3231*	SEW-2
JFM02T259	2	259	0.477	12.12	272.03	404.84	3231*	SEW-2
JFM01T259	1	259	0.545	13.84	347.39	516.99	3231*	SEW-2
JFMX1T259	1/0	259	0.608	15.44	427.44	636.13	3231*	SEW-2
JFMX2T259	2/0	259	0.648	16.46	521.13	775.56	3231*	SEW-2
JFMX3T259	3/0	259	0.694	17.63	638.59	950.37	3231*	SEW-2
JFMX4T259	4/0	259	0.758	19.25	787.92	1172.61	3231*	SEW-2

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

Consult factory for alternate conductor and stranding options.

\*Also referred to as **SRML**

All dimensions and weights shown are nominal, subject to industry tolerances.

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Compliance: UL Listed File No. E22244 • CSA Certified File No. LLI3427 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.



**Radix Wire**  
**26000 Lakeland Boulevard • Cleveland, OH 44132**  
**Tel: 216 731-9191 • Fax: 216 731-7082**  
**www.radix-wire.com**