

# BRAIDED SRML SILICONE 150

## HIGH-TEMPERATURE LEAD WIRE

150C/300V and 150C/600V

### RATINGS / APPROVALS

150°C - 300 Volts - UL Style 3068 / CSA AWM I A/B FT2

150°C - 600 Volts - UL Style 3231, 3101, 3127, 3069, 3070 / CSA AWM I A/B FT2

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

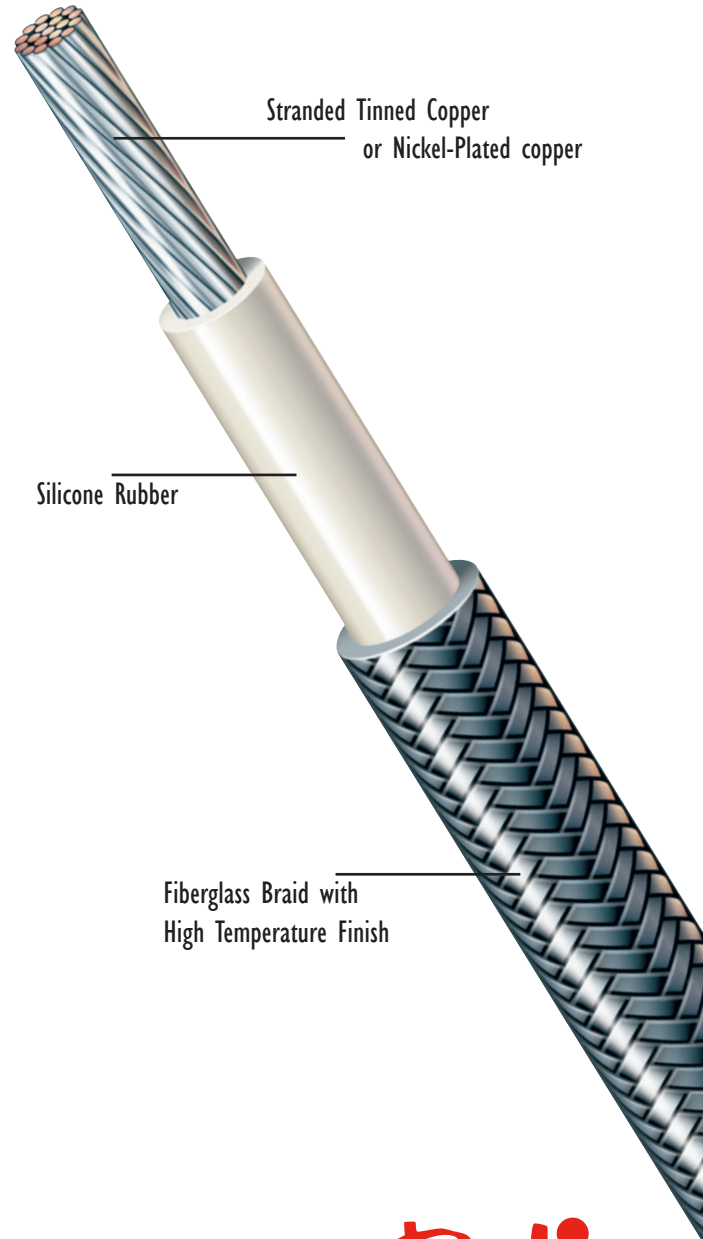
#### Standard Color Coding

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.

UL VW-1 optional (consult factory)



**Radix™**

Radix Wire

26000 Lakeland Boulevard, Euclid, OH 44132

Tel: 216 731-9191 • Fax: 216 731-7082

[www.radix-wire.com](http://www.radix-wire.com)

# BRAIDED SRML SILICONE 150

## HIGH-TEMPERATURE LEAD WIRE

### SPECIFICATIONS

#### BRAIDED SILICONE 150C/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
JBM24T007	24	7	0.067	1.70	3	4.79	0.54	3068	SEWF-1
JBM22T007	22	7	0.073	1.85	4	6.16	0.58	3068	SEWF-1
JBM20T007	20	7	0.080	2.03	6	8.24	0.64	3068	SEWF-1
JBM18T016	18	16	0.087	2.21	8	11.37	0.70	SFF-1/3068	SEWF-1
JBM16T026	16	26	0.097	2.46	11	16.33	0.78	3068	SEWF-1

#### BRAIDED SILICONE 150C/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
JEM24T007	24	7	0.101	2.57	6	8.53	0.81	3231/3069	SEWF-2
JEM22T007	22	7	0.105	2.67	7	10.16	0.84	3231/3069	SEWF-2
JEM20T007	20	7	0.112	2.84	8	12.61	0.90	3231/3069	SEWF-2
JEM18T016	18	16	0.121	3.07	11	15.98	0.97	SFF-2/3231/3070 *	SEWF-2
JEM16T026	16	26	0.131	3.33	14	21.34	1.05	SFF-2/3231/3070 *	SEWF-2
JEM14T041	14	41	0.142	3.61	20	29.57	1.14	SFF-2/3231/3070 *	SEWF-2
JEM12T065	12	65	0.161	4.09	29	42.41	1.29	3231/3070 *	SEWF-2
JEM10T105	10	105	0.214	5.44	48	70.93	1.71	3231/3101*	SEWF-2
JEM08T133	8	133	0.309	7.85	86	128.30	2.47	3231*	SEWF-2
JEM06T133	6	133	0.355	9.02	123	182.90	2.84	3231*	SEWF-2

Standard conductor: Tinned Copper

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.

Radix Wire  
26000 Lakeland Boulevard, Euclid, OH 44132  
Tel: 216 731-9191 • Fax: 216 731-7082  
[www.radix-wire.com](http://www.radix-wire.com)