

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

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

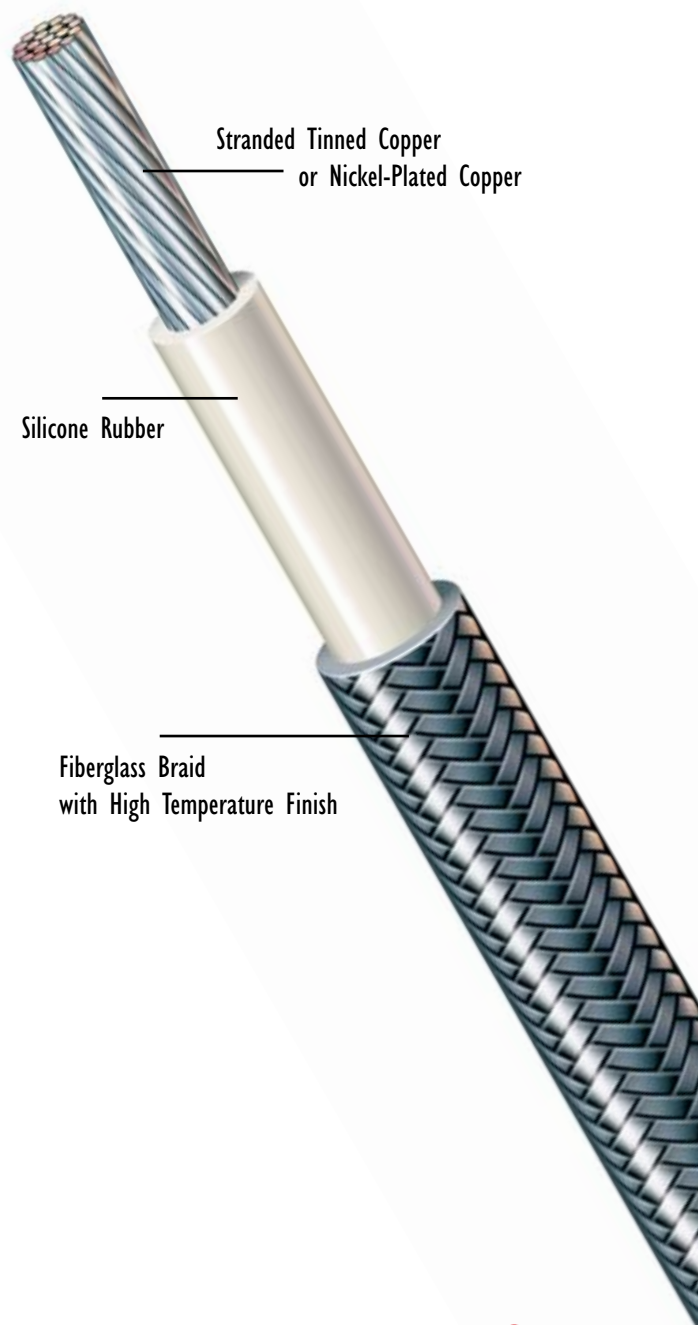
Standard Color Coding

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-I optional (consult factory)



Radix™

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SPECIFICATIONS

BRAIDED SILICONE 150 HIGH-TEMPERATURE LEAD WIRE

BRAIDED SILICONE 150C/300V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
JBM24T007	24	7	0.068	1.83	3.96	5.89	3068	SEWF-1
JBM22T007	22	7	0.074	1.93	5.43	8.08	3068	SEWF-1
JBM20T007	20	7	0.080	2.08	6.83	10.16	3068	SEWF-1
JBM18T016	18	16	0.087	2.21	7.91	11.77	3068	SEWF-1
JBM16T026	16	26	0.097	2.62	13.08	19.46	3068	SEWF-1

BRAIDED SILICONE 150C/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
JEM24T007	24	7	0.100	2.54	6.11	9.09	3231/3069	SEWF-2
JEM22T007	22	7	0.106	2.69	7.24	10.77	3231/3069	SEWF-2
JEM20T007	20	7	0.112	2.84	8.56	12.73	3231/3069	SEWF-2
JEM18T016	18	16	0.123	3.12	11.59	17.24	3231/3070	SEWF-2
JEM16T026	16	26	0.132	3.35	15.29	22.75	3231/3070	SEWF-2
JEM14T041	14	41	0.147	3.73	20.86	31.04	3231/3070	SEWF-2
JEM12T065	12	65	0.163	4.14	29.38	43.72	3231/3070	SEWF-2
JEM10T105	10	105	0.216	5.49	48.53	72.22	3231/3101	SEWF-2
JEM08T133	8	133	0.309	7.85	87.19	129.76	3231/3127	SEWF-2
JEM06T133	6	133	0.355	9.02	124.12	184.72	3231/3127	SEWF-2

Standard conductor: Tinned Copper

Consult factory for alternate conductor and stranding options.

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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 Company, Inc. is not responsible for any claim traceable to such error.



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