

RATINGS / APPROVALS

250°C – 300 Volts - UL Style 3254 / CSA AWM Class I A/B FT2

250°C – 600 Volts - UL Style 3252 / CSA AWM Class I A/B FT2

CONSTRUCTION

Conductors

24 AWG – 12 AWG (300 Volts)

24 AWG – 10 AWG (600 Volts)

Stranded nickel-plated copper

(Other conductor materials available)

Insulating System

Extruded Silicone Rubber with fiberglass braid

Outer Covering

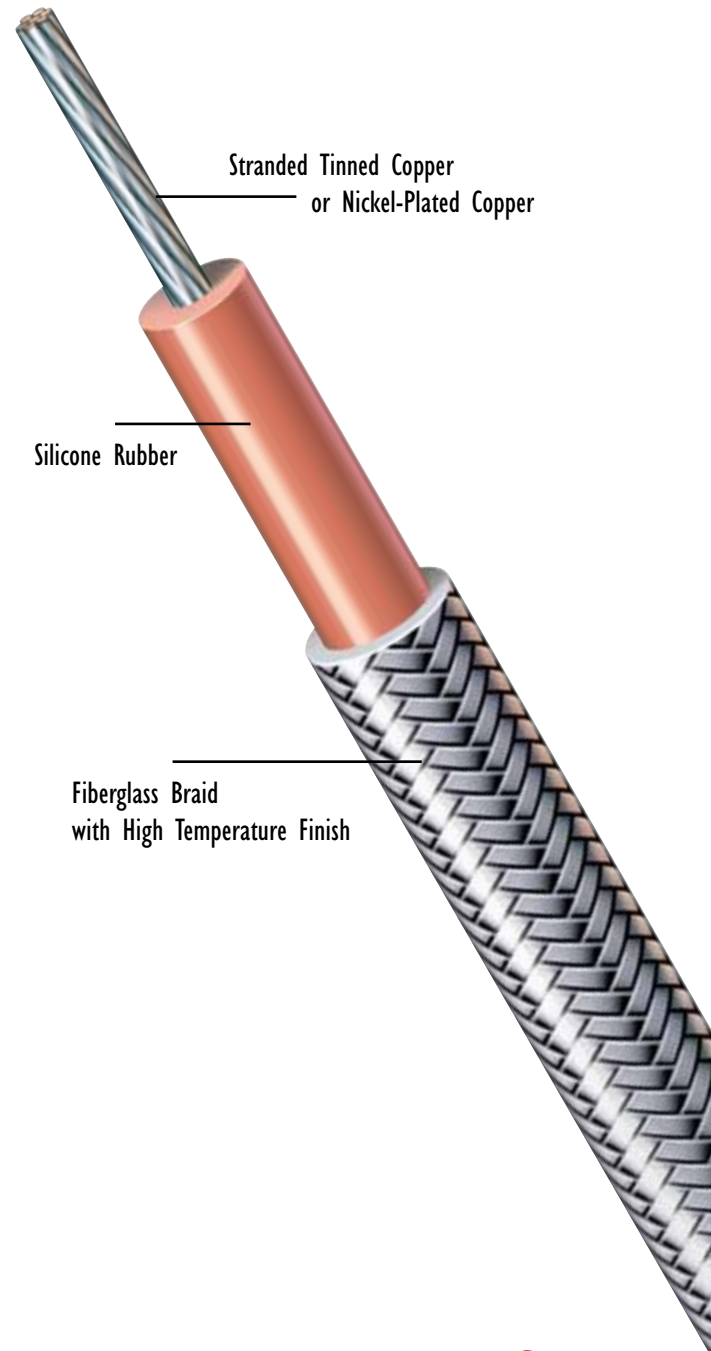
Braided fiberglass with a high temperature finish

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 250°C, leaves a non-conductive ash and retains excellent insulation properties.
- Flexible.



Radix[™]

Radix Wire Company

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SPECIFICATIONS

BRAIDED SILICONE 250 HIGH-TEMPERATURE LEAD WIRE

BRAIDED SILICONE 250C/300V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	UL	CSA
EGM22P007	22	7	0.106	2.69	7.42	11.04	3254	AWM I A FT2
EGM20P007	20	7	0.112	2.84	8.79	13.08	3254	AWM I A FT2
EGM18P019	18	19	0.118	3.00	11.10	16.51	3254	AWM I A FT2
EGM16P026	16	26	0.134	3.40	15.41	22.93	3254	AWM I A FT2
EGM14P041	14	41	0.149	3.78	20.95	31.17	3254	AWM I A FT2
EGM12P065	12	65	0.168	4.27	30.14	44.85	3254	AWM I A FT2

BRAIDED SILICONE 250C/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	UL	CSA
EIM22P007	22	7	0.106	2.69	7.42	11.04	3252	AWM I A FT2
EIM20P010	20	10	0.112	2.84	8.79	13.08	3252	AWM I A FT2
EIM18P019	18	19	0.116	3.00	11.10	16.51	3252	AWM I A FT2
EIM16P026	16	26	0.128	3.40	15.41	22.93	3252	AWM I A FT2
EIM14P041	14	41	0.144	3.78	20.95	31.17	3252	AWM I A FT2
EIM12P065	12	65	0.166	4.27	30.14	44.85	3252	AWM I A FT2
EIM10P105	10	105	0.187	4.75	43.97	65.43	3252	AWM I A FT2

Standard conductor: Nickel Plated Copper - 2%

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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