

BRAIDED SILICONE 250

HIGH-TEMPERATURE LEAD WIRE

250C/300V and 250C/600V

RATINGS / APPROVALS

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

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

RoHS Compliant

CONSTRUCTION

Conductors

24 AWG - 12 AWG (300 Volts)

22 AWG - 10 AWG (600 Volts)

Stranded nickel-plated copper

(Other conductor materials available)

Insulating System

Extruded Silicone Rubber with Fiberglass Braid

Outer Covering

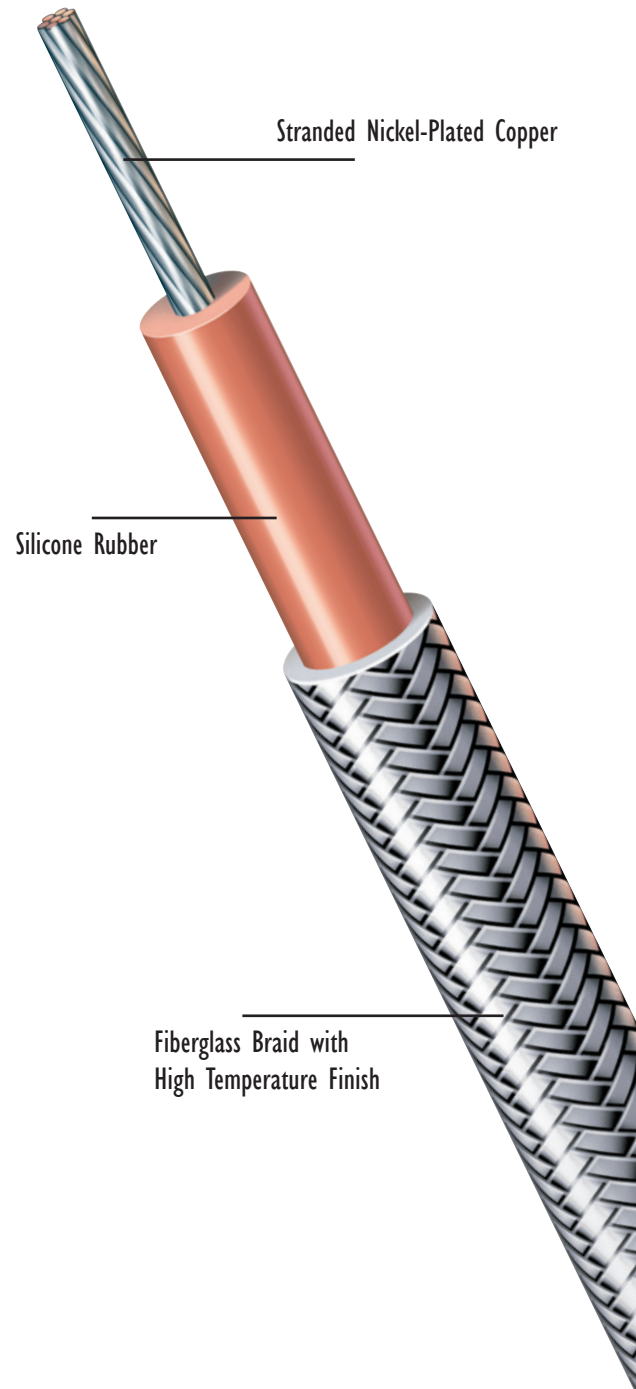
Braided fiberglass with a high temperature finish

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



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BRAIDED SILICONE 250

HIGH-TEMPERATURE LEAD WIRE

SPECIFICATIONS

BRAIDED SILICONE 250C/300V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt. (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA
EGM22P007	22	7	0.106	2.69	7	8.93	0.85	3254	AWM I A/B FT2
EGM20P007	20	7	0.112	2.84	8	10.05	0.90	3254	AWM I A/B FT2
EGM18P019	18	19	0.118	3.00	9	13.39	0.94	3254	AWM I A/B FT2
EGM16P026	16	26	0.134	3.40	13	18.96	1.07	3254	AWM I A/B FT2
EGM14P041	14	41	0.149	3.78	18	27.03	1.19	3254	AWM I A/B FT2
EGM12P065	12	65	0.168	4.27	30	44.85	1.34	3254	AWM I A/B FT2

BRAIDED SILICONE 250C/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt. (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA
EIM22P007	22	7	0.106	2.69	7	10.45	0.85	3252	AWM I A/B FT2
EIM20P007	20	7	0.113	2.87	8	12.55	0.90	3252	AWM I A/B FT2
EIM18P019	18	19	0.116	2.95	10	15.34	0.93	3252	AWM I A/B FT2
EIM16P026	16	26	0.127	3.23	14	21.15	1.02	3252	AWM I A/B FT2
EIM14P041	14	41	0.142	3.61	20	29.54	1.14	3252	AWM I A/B FT2
EIM12P065	12	65	0.166	4.22	29	43.71	1.33	3252	AWM I A/B FT2
EIM10P105	10	105	0.191	4.85	43	64.57	1.53	3252	AWM I A/B FT2

Standard conductor: Nickel Plated Copper - 2%
 Consult factory for alternative conductor and stranding options.

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 & Cable is not responsible for any claim traceable to such error.

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