

BRAIDLESS SILICONE 250

HIGH-TEMPERATURE LEAD WIRE

250C/300V and 250C/600V

RATINGS / APPROVALS

250°C - 300 Volts - UL Style 3253 / CSA AWM I A/B FT2

250°C - 600 Volts - UL Style 3251 / CSA AWM I A/B FT2

RoHS Compliant

CONSTRUCTION

Conductors

22 AWG - 12 AWG (300 Volts)

24 AWG - 10 AWG (600 Volts)

Stranded nickel-plated copper
(Other conductor materials available)

Insulating System

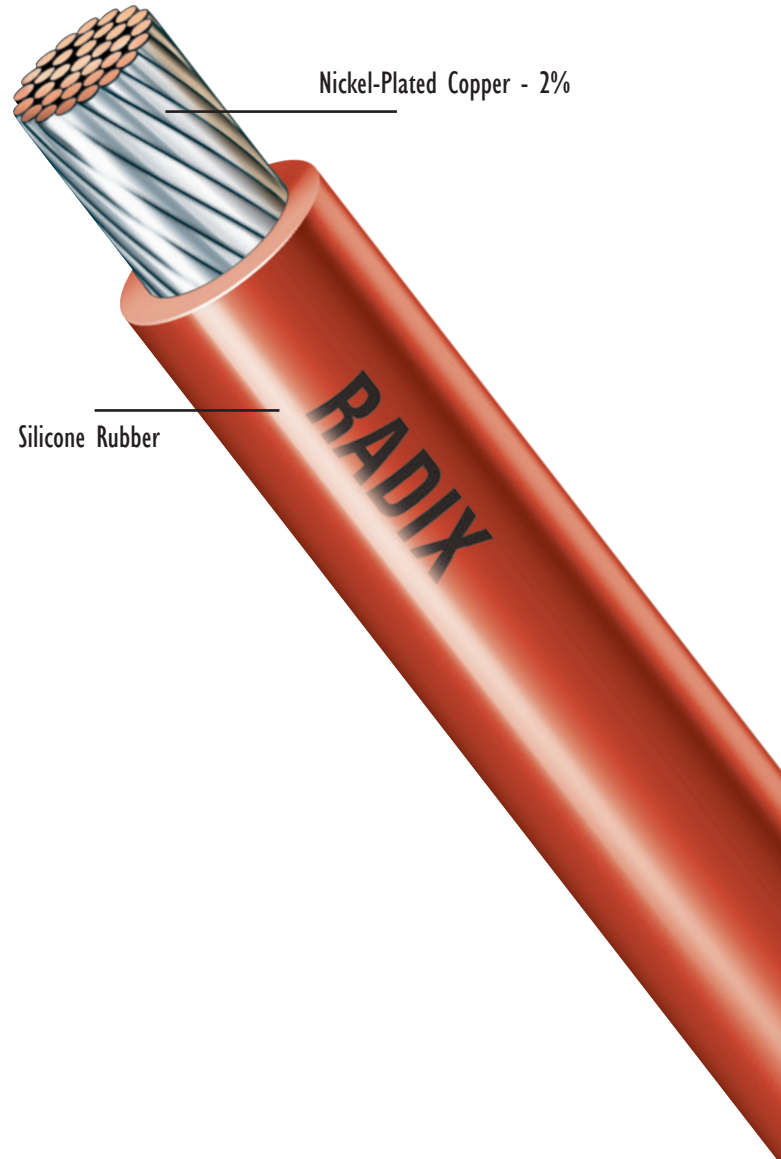
Extruded Silicone Rubber

Standard Color Coding

Iron Oxide Red with Colored Markings

CHARACTERISTICS

- Silicone formulations suitable for UV, ozone, moisture exposure.
- Not suited for immersed applications
- Suitable for applications to -60°C.
- Superior flexibility



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SPECIFICATIONS

BRAIDLESS SILICONE 250 HIGH-TEMPERATURE LEAD WIRE

BRAIDLESS 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
EFA22P007	22	7	0.092	2.34	6	8.29	0.74	3253	AWM I A/B FT2
EFA20P007	20	7	0.099	2.51	7	10.34	0.79	3253	AWM I A/B FT2
EFA18P019	18	19	0.106	2.69	9	13.39	0.85	3253	AWM I A/B FT2
EFA16P026	16	26	0.119	3.02	13	19.11	0.95	3253	AWM I A/B FT2
EFA14P041	14	41	0.134	3.40	18	27.28	1.07	3253	AWM I A/B FT2
EFA12P065	12	65	0.152	3.86	27	40.57	1.22	3253	AWM I A/B FT2

BRAIDLESS SILICONE 250C/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	Min. Bend Radius (in)	UL	CSA
EHA24P007	24	7	0.118	3.00	7	10.79	0.94	3251	AWM I A/B FT2
EHA22P007	22	7	0.124	3.15	9	12.84	0.99	3251	AWM I A/B FT2
EHA20P007	20	7	0.131	3.33	10	15.18	1.05	3251	AWM I A/B FT2
EHA18P019	18	19	0.138	3.51	12	18.53	1.10	3251	AWM I A/B FT2
EHA16P026	16	26	0.151	3.84	17	24.78	1.21	3251	AWM I A/B FT2
EHA14P041	14	41	0.166	4.22	23	33.59	1.33	3251	AWM I A/B FT2
EHA12P065	12	65	0.184	4.67	32	47.67	1.47	3251	AWM I A/B FT2
EHA10P105	10	105	0.209	5.31	47	69.32	1.67	3251	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

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