

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 – 10 AWG

Stranded nickel-plated copper

(Other conductor materials available)

Insulating System

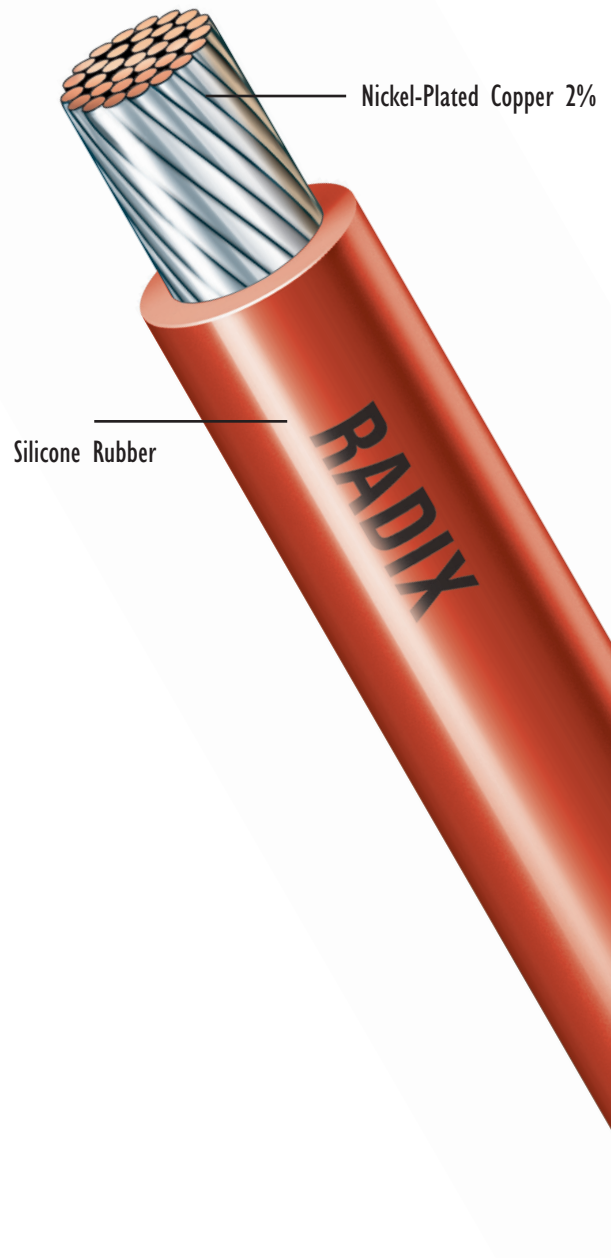
Extruded Silicone Rubber

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.



Radix[™]

Radix Wire

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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 per 1000 ft.	Wgt - kg per km	UL	CSA
EFA22P007	22	7	0.092	2.34	5.42	8.06	3253	AWM I A/B FT2
EFA20P007	20	7	0.098	2.49	6.75	10.04	3253	AWM I A/B FT2
EFA18P019	18	19	0.107	2.72	9.14	13.60	3253	AWM I A/B FT2
EFA16P026	16	26	0.118	3.00	12.74	18.96	3253	AWM I A/B FT2
EFA14P041	14	41	0.133	3.38	18.16	27.02	3253	AWM I A/B FT2
EFA12P065	12	65	0.152	3.86	27.19	40.46	3253	AWM I A/B FT2
EFA10P105	10	105	0.177	4.50	41.05	61.09	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	UL	CSA
EHA22P007	22	7	0.124	3.15	8.46	12.59	3251	AWM I A/B FT2
EHA20P007	20	7	0.130	3.30	10.25	15.25	3251	AWM I A/B FT2
EHA18P019	18	19	0.139	3.53	12.60	18.75	3251	AWM I A/B FT2
EHA16P026	16	26	0.150	3.81	16.51	24.57	3251	AWM I A/B FT2
EHA14P041	14	41	0.165	4.19	22.34	33.24	3251	AWM I A/B FT2
EHA12P065	12	65	0.184	4.67	31.91	47.49	3251	AWM I A/B FT2
EHA10P105	10	105	0.205	5.21	46.15	68.68	3251	AWM I A/B 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 is not responsible for any claim traceable to such error.



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