

150C/600V

BRAIDLESS SILICONE 150 HIGH-TEMPERATURE LEAD WIRE

RATINGS / APPROVALS

150°C – 600 Volts - UL Style 3212, 3213, 3214 / CSA AWM I A/B FT2

UL VWI Flame rated (8 AWG – 4/0 AWG)

CONSTRUCTION

Conductors

24 AWG – 4/0 AWG

Stranded tinned copper or nickel-plated copper
(Other conductor materials available)

Insulating System

Extruded Silicone Rubber

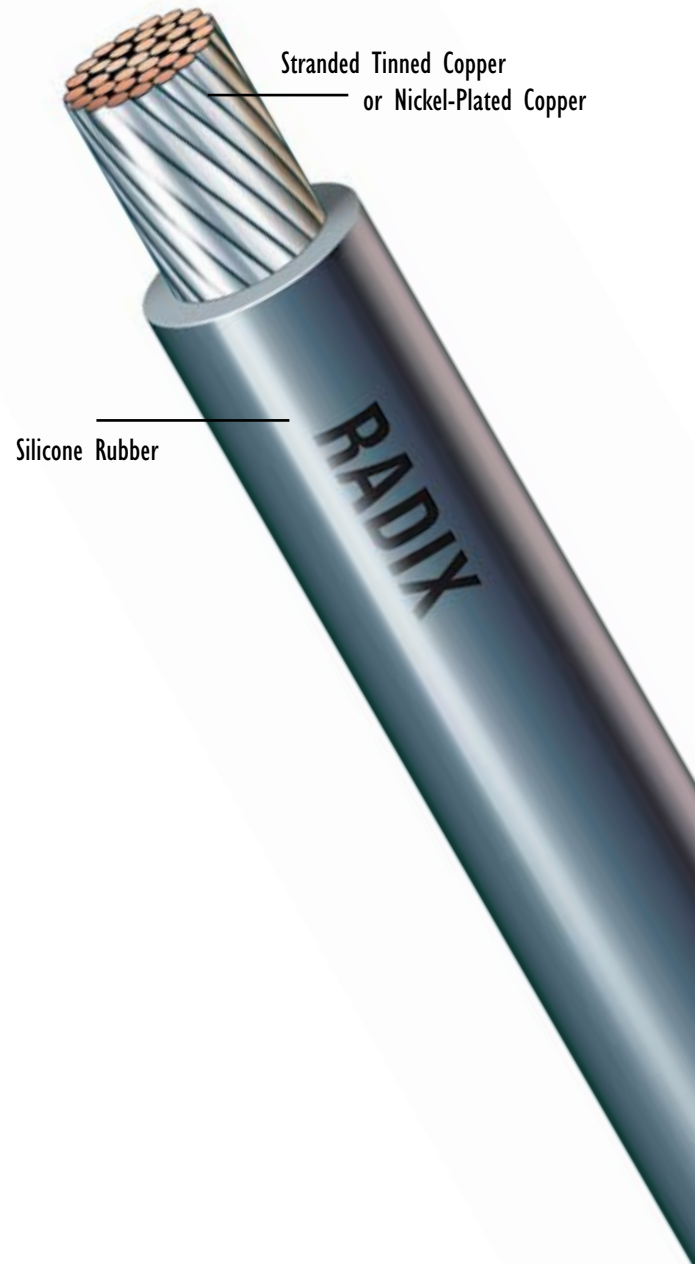
Standard Color Coding

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.
- Superior flexibility.

150°C/300V (UL Style 3211) are available. (consult factory)



Radix[™]

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SPECIFICATIONS

BRAIDLESS SILICONE 150 HIGH-TEMPERATURE LEAD WIRE

SILICONE BRAIDLESS 150C/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
HDA22T007	22	7	0.124	3.15	8.11	12.07	3212	AWM I A/B FT2
HDA20T007	20	7	0.130	3.30	9.58	14.25	3212	AWM I A/B FT2
HDA18T016	18	16	0.139	3.53	12.06	17.94	3212	AWM I A/B FT2
HDA16T026	16	26	0.149	3.78	15.84	23.57	3212	AWM I A/B FT2
HDA14T041	14	41	0.165	4.19	22.06	32.83	3212	AWM I A/B FT2
HDA12T065	12	65	0.181	4.60	30.47	45.34	3212	AWM I A/B FT2
HDA10T105	10	105	0.204	5.18	44.33	65.97	3212	AWM I A/B FT2
HDA08T133	8	133	0.285	7.24	74.72	111.19	3213	AWM I A/B FT2
HDA06T133	6	133	0.331	8.41	110.10	163.85	3213	AWM I A/B FT2
HDA04T133	4	133	0.380	9.66	163.81	243.78	3213	AWM I A/B FT2
HDA02T259	2	259	0.451	11.46	249.93	371.95	3213	AWM I A/B FT2
HDA01T259	1	259	0.519	13.18	321.38	478.29	3214	AWM I A/B FT2
HDAX1T259	1/0	259	0.582	14.78	398.70	593.36	3214	AWM I A/B FT2
HDAX2T259	2/0	259	0.622	15.80	490.73	730.32	3214	AWM I A/B FT2
HDAX3T259	3/0	259	0.668	16.97	606.21	902.18	3214	AWM I A/B FT2
HDAX4T259	4/0	259	0.732	18.60	752.69	1120.18	3214	AWM I A/B FT2

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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