

## RATINGS / APPROVALS

200°C – 600 Volts - UL Style 3512 / 3604 / CSA AWM I A/B FT2

200°C – 1,000 Volts - UL Style 3644 / CSA AWM I A/B FT2

## CONSTRUCTION

### Conductors

22 AWG – 4/0 AWG

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

### Insulating System

Composite Extruded Silicone Rubber with  
intermediate fiberglass reinforcement

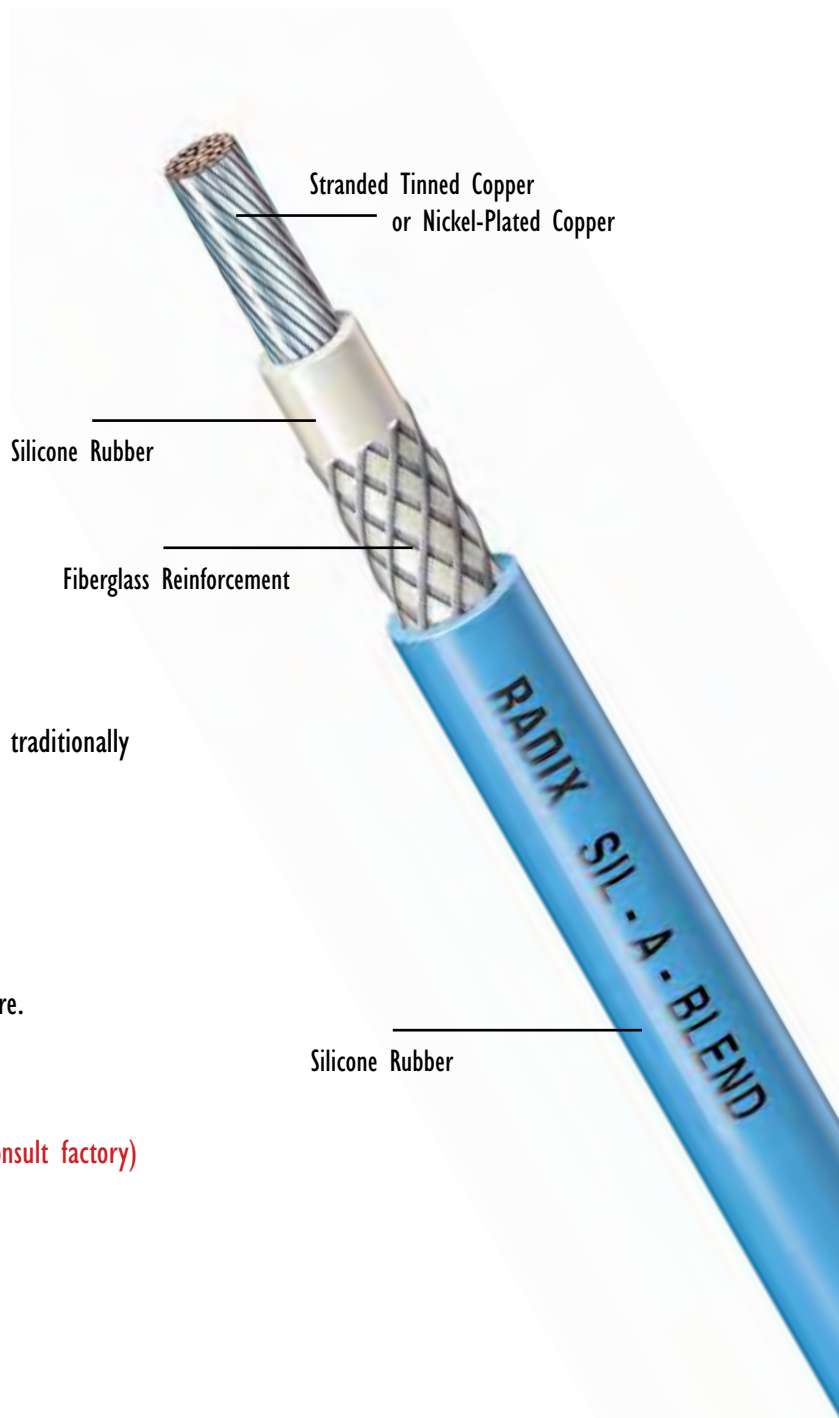
### Standard Color Coding

Available in Colors

## CHARACTERISTICS

- Outperforms Braided Silicone products:
  - ~ Eliminates braid fraying, flowering and shrink back.
  - ~ Virtually eliminates skin irritation.
  - ~ Significantly Reduces airborne fiberglass contaminants traditionally found in high volume processing.
  - ~ Superior flexibility.
  - ~ Color stable at elevated temperatures.
  - ~ Low smoke.
  - ~ Suitable for varnish dip and bake applications.
  - ~ Smaller OD
- Silicone formulations suitable for UV, ozone, moisture exposure.  
Not suited for immersed applications.
- Suitable for applications to -60°C

150°C version with flexible stranded conductor is available. (consult factory)



**Radix™**

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# SPECIFICATIONS

# SIL-A-BLEND® 200 HIGH-TEMPERATURE LEAD WIRE

## SIL-A-BLEND 200C/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
NBA22P007	22	7	0.100	2.54	6.61	9.83	3512/3604	AWM I A/B FT2
NBA20P007	20	7	0.110	2.79	8.36	12.44	3512/3604	AWM I A/B FT2
NBA18T007	18	7	0.123	3.12	10.77	16.02	3512/3604	AWM I A/B FT2
NBA16T007	16	7	0.134	3.40	14.38	21.40	3512/3604	AWM I A/B FT2
NBA14T007	14	7	0.148	3.76	19.95	29.69	3512/3604	AWM I A/B FT2
NBA12T019	12	19	0.166	4.22	28.52	42.44	3512/3604	AWM I A/B FT2
NBA10T019	10	19	0.215	5.46	47.30	70.39	3512/3604	AWM I A/B FT2
NBA08T061	8	61	0.276	7.01	78.41	116.69	3512/3604	AWM I A/B FT2
NBA06T084	6	84	0.347	8.81	118.18	175.87	3512/3604	AWM I A/B FT2
NBA04T133	4	133	0.390	9.91	172.18	256.24	3512/3604	AWM I A/B FT2
NBA02T259	2	259	0.461	11.71	259.84	386.70	3512/3604	AWM I A/B FT2
NBA01T259	1	259	0.533	13.54	335.94	499.95	3512/3604	AWM I A/B FT2
NCAX1T259	1/0	259	0.576	14.63	391.31	582.33	3604	AWM I A/B FT2
NCAX2T259	2/0	259	0.622	15.80	482.18	717.56	3604	AWM I A/B FT2
NCAX3T259	3/0	259	0.671	17.04	590.86	879.30	3604	AWM I A/B FT2
NCAX4T259	4/0	259	0.731	18.57	730.23	1086.70	3604	AWM I A/B FT2

## SIL-A-BLEND 200C/1000V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
NGA18T007	18	7	0.123	3.12	10.78	16.04	3644	AWM I A/B FT2
NGA16T007	16	7	0.134	3.40	14.38	21.40	3644	AWM I A/B FT2
NGA14T007	14	7	0.148	3.76	19.95	29.69	3644	AWM I A/B FT2
NGA12T019	12	19	0.166	4.22	28.52	42.44	3644	AWM I A/B FT2
NGA10T019	10	19	0.215	5.46	47.30	70.39	3644	AWM I A/B FT2
NGA08T061	8	61	0.276	7.01	78.41	116.69	3644	AWM I A/B FT2
NGA06T084	6	84	0.347	8.80	117.62	175.04	3644	AWM I A/B FT2
NGA04T133	4	133	0.390	9.91	171.62	255.41	3644	AWM I A/B FT2
NGA02T259	2	259	0.461	11.71	259.28	385.86	3644	AWM I A/B FT2
NGA01T259	1	259	0.533	13.54	335.38	499.12	3644	AWM I A/B FT2
NGAX1T259	1/0	259	0.576	14.63	391.31	582.33	3644	AWM I A/B FT2
NGAX2T259	2/0	259	0.622	15.80	480.18	714.59	3644	AWM I A/B FT2
NGAX3T259	3/0	259	0.671	17.04	590.85	879.28	3644	AWM I A/B FT2
NGAX4T259	4/0	259	0.731	18.57	730.23	1086.70	3644	AWM I A/B FT2

Standard conductor: Tinned Copper (Standard conductor for 20-22 AWG ONLY: 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. LLI3427 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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