

RATINGS / APPROVALS

150°C – 1000 Volts - UL Style 3644 / CSA AWM I A/B FT2

CONSTRUCTION

Conductors

24 AWG – 4/0 AWG

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

Insulating System

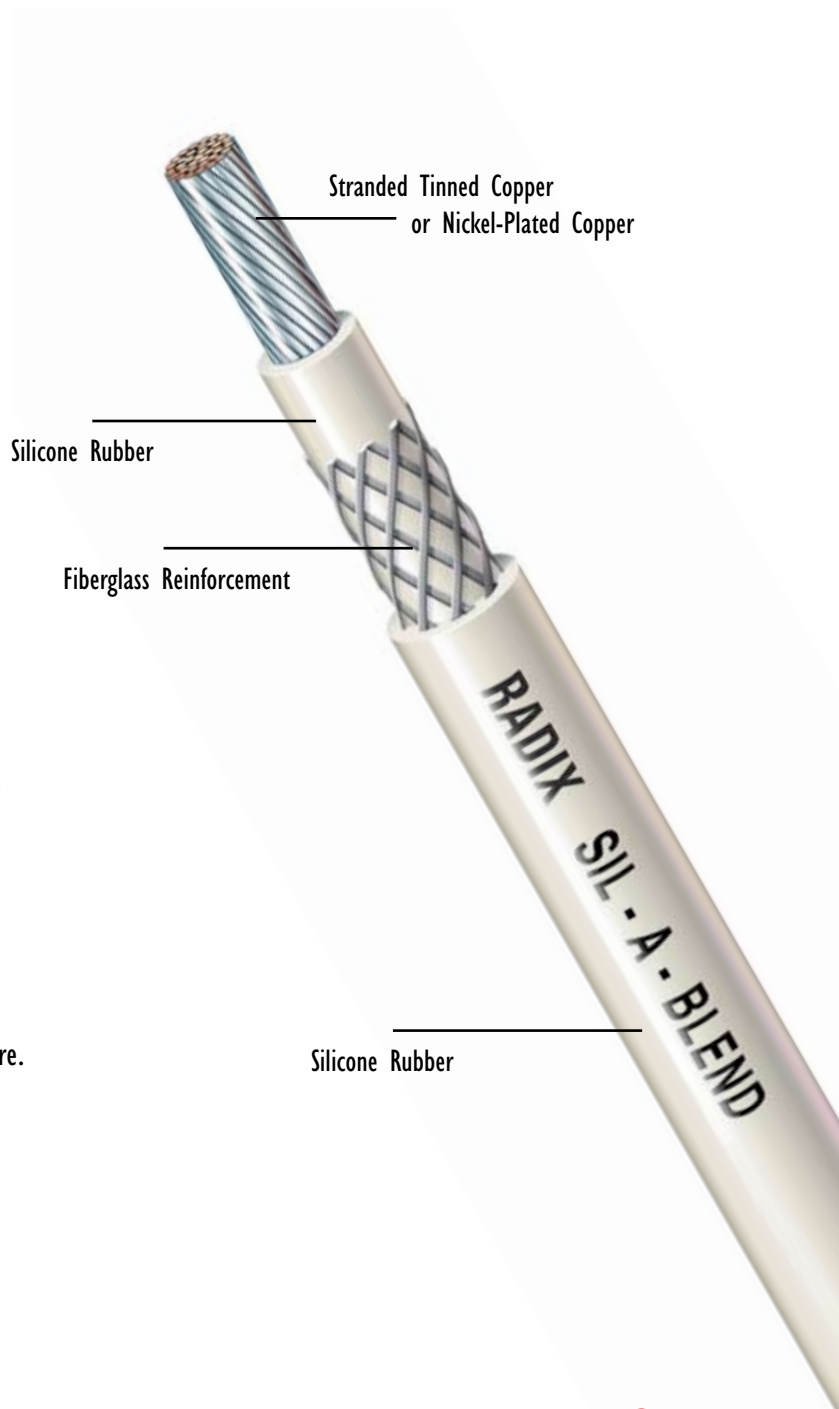
Composite Extruded Silicone Rubber with intermediate fiberglass reinforcement.

Standard Color Coding

Gray only

CHARACTERISTICS

- Outer layer of silicone is specially formulated to resist swelling and tearing in oil mist applications and provided added abrasion resistance.
- Outperforms Braided Silicone products
 - ~ Eliminates braid fraying, flowering and shrink back.
 - ~ Virtually eliminates skin irritation.
 - ~ 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



Radix[™]

Radix Wire Company

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SPECIFICATIONS

SIL-A-BLEND[®] OMC 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
NJA20T007	20	7	0.109	2.77	8.22	12.23	3644	AWM I A/B FT2
NJA18T016	18	7	0.119	3.02	10.77	16.03	3644	AWM I A/B FT2
NJA16T026	16	7	0.130	3.30	14.43	21.48	3644	AWM I A/B FT2
NJA14T041	14	7	0.144	3.66	20.14	29.97	3644	AWM I A/B FT2
NJA12T065	12	19	0.161	4.09	28.72	42.74	3644	AWM I A/B FT2
NJA10T105	10	19	0.215	5.46	47.49	70.68	3644	AWM I A/B FT2
NJA08T133	8	54	0.276	7.01	77.88	115.90	3644	AWM I A/B FT2
NJA06T133	6	84	0.346	8.79	117.68	175.14	3644	AWM I A/B FT2
NJA04T133	4	133	0.396	10.06	175.10	260.59	3644	AWM I A/B FT2
NJA02T259	2	259	0.473	12.01	261.45	389.10	3644	AWM I A/B FT2
NJA01T259	1	259	0.554	14.07	339.89	505.84	3644	AWM I A/B FT2
NJAX1T259	1/0	259	0.600	15.24	416.08	619.23	3644	AWM I A/B FT2
NJAX2T259	2/0	259	0.653	16.59	512.28	762.39	3644	AWM I A/B FT2
NJAX3T259	3/0	259	0.712	18.08	632.23	940.91	3644	AWM I A/B FT2
NJAX4T259	4/0	259	0.777	19.74	779.93	1160.72	3644	AWM I A/B FT2

Standard conductor: Tinned Copper or Nickel-Plated 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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