

# SUPER J BRAIDLESS SILICONE

HIGH-VOLTAGE LEAD WIRE

## RATINGS / APPROVALS

200°C - 1KV - UL 3644 / CSA AWM I A/B FT2

200°C - 3KV / 5KV / 8KV / 15KV - Factory Rated

## CONSTRUCTION

### Conductors

22 AWG - 500 MCM (1KV)

8 AWG - 500 MCM (3KV, 5KV, 8KV)

8 AWG - 350 MCM (15KV)

Stranded tinned copper

### Insulating System

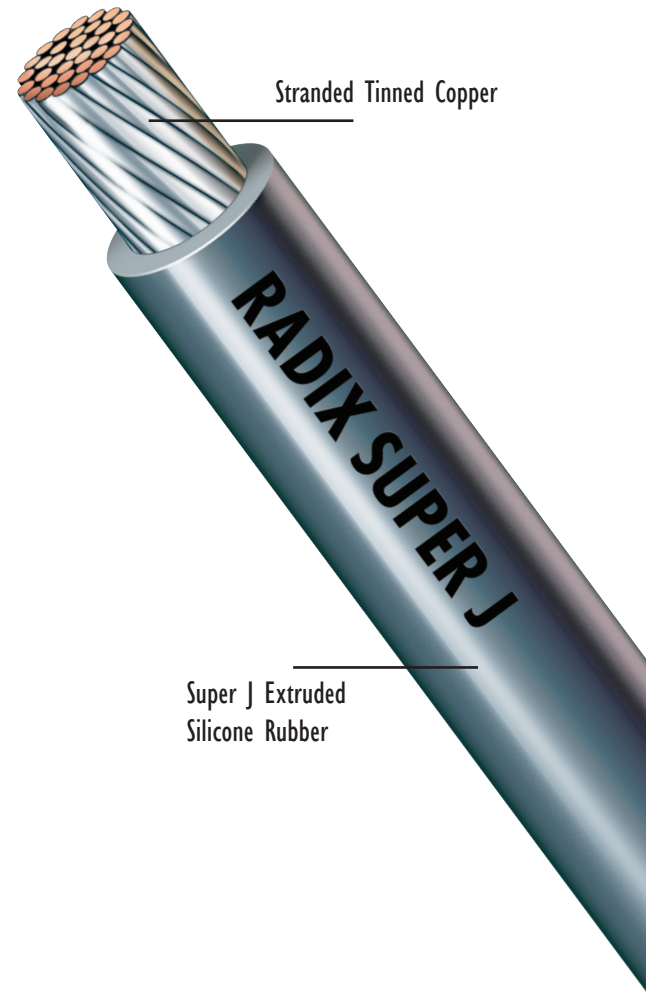
Super J Extruded Silicone Rubber

### Standard Color: Gray

Also available in colors and stripes

## CHARACTERISTICS

- Low Smoke, Zero Halogen
- Silicone formulations suitable for UV, ozone & moisture exposure.
- Superior flexibility
- Superior Abrasion and Cut-Through Resistance
- Not suitable for immersed applications.



## SUPER J 200C/1000V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	UL	CSA
NGJ18T007	18	7	0.108	2.74	8.91	13.26	3644	AWM I A/B FT2
NGJ16T007	16	7	0.120	3.05	12.49	18.59	3644	AWM I A/B FT2
NGJ14T007	14	7	0.133	3.38	17.10	25.45	3644	AWM I A/B FT2
NGJ12T019	12	19	0.150	3.81	26.24	39.05	3644	AWM I A/B FT2
NGJ10T019	10	19	0.173	4.39	39.31	58.50	3644	AWM I A/B FT2
NGJ08T061	8	61	0.234	5.94	67.27	100.11	3644	AWM I A/B FT2
NGJ06T084	6	84	0.337	8.56	111.18	165.46	3644	AWM I A/B FT2
NGJ04T133	4	133	0.371	9.42	152.31	226.67	3644	AWM I A/B FT2
NGJ02T259	2	259	0.446	11.33	249.02	370.60	3644	AWM I A/B FT2
NGJ01T259	1	259	0.507	12.88	296.90	441.86	3644	AWM I A/B FT2
NGJX1T259	1/0	259	0.562	14.27	377.20	561.36	3644	AWM I A/B FT2
NGJX2T259	2/0	259	0.608	15.44	464.85	691.81	3644	AWM I A/B FT2
NGJX3T259	3/0	259	0.657	16.69	574.24	854.61	3644	AWM I A/B FT2
NGJX4T259	4/0	259	0.717	18.21	712.07	1059.73	3644	AWM I A/B FT2
NGJ25T427	250 MCM	427	0.816	20.73	858.19	1277.19	3644	AWM I A/B FT2
NGJ35T427	350 MCM	427	0.926	23.52	1171.88	1744.03	3644	AWM I A/B FT2
NGJ50T427	500 MCM	427	1.056	26.82	1606.60	2391.00	3644	AWM I A/B FT2

# SUPER J BRAIDLESS SILICONE

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## SUPER J 200C/3000V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	NEMA
JKJ02T259	2	259	0.581	14.76	292	434.74	WC7I
JKJ01T259	1	259	0.616	15.65	348	517.83	WC7I
JKJXIT259	1/0	259	0.671	17.04	433	644.96	WC7I
JKJX2T259	2/0	259	0.717	18.21	525	781.55	WC7I
JKJX4T259	4/0	259	0.826	20.98	783	1164.59	WC7I
JKJ35T427	350 MCM	427	1.001	25.43	1233	1834.82	WC7I

## SUPER J 200C/5000V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	NEMA
JLJ02T259	2	259	0.638	16.21	335	498.16	WC7I
JLJ01T259	1	259	0.678	17.22	370	550.62	WC7I
JLJXIT259	1/0	259	0.723	18.36	481	715.83	WC7I
JLJX2T259	2/0	259	0.776	19.71	582	865.72	WC7I
JLJX4T259	4/0	259	0.903	22.94	863	1284.99	WC7I
JLJ35T427	350 MCM	427	1.041	26.44	1267	1884.99	WC7I

## SUPER J 200C/8000V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km
JMJ02T259	2	259	0.691	17.55	350	520.53
JMJ01T259	1	259	0.726	18.44	409	608.32
JMJXIT259	1/0	259	0.781	19.84	499	742.87
JMJX2T259	2/0	259	0.827	21.01	595	885.66
JMJX4T259	4/0	259	0.936	23.77	862	1283.02
JMJ35T427	350 MCM	427	1.111	28.22	1329	1977.35

## SUPER J 200C/15000V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km
JNJ02T259	2	259	0.918	23.32	514	765.41
JNJ01T259	1	259	0.958	24.33	589	875.98
JNJXIT259	1/0	259	1.003	25.48	680	1012.15
JNJX2T259	2/0	259	1.056	26.82	793	1180.41
JNJX3T259	3/0	259	1.115	28.32	932	1387.19
JNJX4T259	4/0	259	1.183	30.05	1104	1643.09
JNJ35T427	350 MCM	427	1.321	33.55	1539	2290.46

Standard conductor: Tinned Copper

Consult factory for alternative conductor and stranding options.

All dimensions listed above are nominal

Compliance: UL Listed File No. E22244.

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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