

150C/1000V, 150C/3000V,
150C/5000V, & 150C/8000V

Oil-Mist Silicone Rubber 150

HIGH-TEMPERATURE LEAD WIRE

RATINGS / APPROVALS

150°C - 1000 Volts - UL Style 3529 / CSA AWM I A/B FT2

150°C - 3000 Volts

150°C - 5000 Volts

150°C - 8000 Volts

CONSTRUCTION

Conductors

18 AWG - 4/0 AWG (1000V)

18 AWG - 1 AWG (3000V)

8 AWG - 350 MCM (5000V)

4 AWG (8000V)

Stranded tinned copper

Insulating System

Silicone Rubber

Standard Color Coding

Gray or white only.

Striped combinations available.

CHARACTERISTICS

- Silicone rubber is specially formulated to resist swelling and tearing in oil mist applications and provided added abrasion resistance.
- Superior flexibility
- Low smoke, zero halogen
- 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



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Oil-Mist Silicone Rubber 150

HIGH-TEMPERATURE LEAD WIRE

SPECIFICATIONS

OIL-MIST SIL-A-BLEND 150C/1000V (150C/600V UL 3529/CSA AWM)

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA	Color
JCO18T007	18	7	0.107	2.72	9	13.80	0.86	3529	AWM I A/B FT2	Gray
JCO16T007	16	7	0.120	3.05	13	19.26	0.96	3529	AWM I A/B FT2	Gray
JCO14T007	14	7	0.133	3.38	18	26.22	1.06	3529	AWM I A/B FT2	Gray
JCO12T019	12	19	0.150	3.81	27	39.94	1.20	3529	AWM I A/B FT2	Gray
JCO10T019	10	19	0.205	5.21	46	67.73	1.64	3529	AWM I A/B FT2	Gray
JCO08T061	8	61	0.298	7.57	84	125.21	2.38	3529	AWM I A/B FT2	Gray
JCO06T133	6	133	0.331	8.41	113	168.65	2.65	3529	AWM I A/B FT2	Gray
JCO04T133	4	133	0.371	9.42	155	231.39	2.97	3529	AWM I A/B FT2	Gray
JCO02T259	2	259	0.436	11.07	235	349.13	3.49	3529	AWM I A/B FT2	Gray
JCO01T259	1	259	0.507	12.88	303	450.25	4.06	3529	AWM I A/B FT2	Gray
JCOX1T259	1/0	259	0.566	14.38	386	573.88	4.53	3529	AWM I A/B FT2	Gray
JCOX2T259	2/0	259	0.612	15.54	474	705.48	4.90	3529	AWM I A/B FT2	Gray
JCOX3T259	3/0	259	0.661	16.79	584	869.50	5.29	3529	AWM I A/B FT2	Gray
JCOX4T259	4/0	259	0.721	18.31	723	1076.13	5.77	3529	AWM I A/B FT2	Gray

OIL-MIST SIL-A-BLEND 150C/3000V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA	Color
HDO18T007	18	7	0.196	4.98	21	31.82	1.57	N/A	N/A	White
HDO16T007	16	7	0.208	5.28	26	38.65	1.66	N/A	N/A	White
HDO14T007	14	7	0.221	5.61	32	47.22	1.77	N/A	N/A	White
HDO12T019	12	19	0.238	6.05	42	62.97	1.90	N/A	N/A	White
HDO10T019	10	19	0.261	6.63	57	85.32	2.09	N/A	N/A	White
HDO08T061	8	61	0.296	7.52	84	124.40	2.37	N/A	N/A	White
HDO06T133	6	133	0.353	8.97	120	178.80	2.82	N/A	N/A	White
HDO04T133	4	133	0.397	10.08	165	244.84	3.18	N/A	N/A	White
HDO02T259	2	259	0.462	11.73	245	364.86	3.70	N/A	N/A	White
HDO01T259	1	259	0.497	12.62	298	443.48	3.98	N/A	N/A	White

Standard conductor: Tinned Copper

All dimensions listed above are nominal

Compliance: UL Listed File No. E22244. CSA Certified File No. LL13427 or LL80670

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Oil-Mist Silicone Rubber 150

HIGH-TEMPERATURE LEAD WIRE

SPECIFICATIONS

OIL-MIST SIL-A-BLEND 150C/5000V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA	Color
JLO08T061	8	61	0.458	11.63	139	206.73	3.66	N/A	N/A	Gray
JLO06T133	6	133	0.513	13.03	183	272.18	4.10	N/A	N/A	Gray
JLO04T133	4	133	0.561	14.25	236	350.73	4.49	N/A	N/A	Gray
JLO02T259	2	259	0.618	15.70	321	478.41	4.94	N/A	N/A	Gray
JLO01T259	1	259	0.657	16.69	382	567.93	5.26	N/A	N/A	Gray
JLOX1T259	1/0	259	0.710	18.03	469	697.72	5.68	N/A	N/A	Gray
JLOX2T259	2/0	259	0.754	19.15	562	836.21	6.03	N/A	N/A	Gray
JLOX3T259	3/0	259	0.803	20.40	678	1009.62	6.42	N/A	N/A	Gray
JLOX4T259	4/0	259	0.863	21.92	825	1227.74	6.90	N/A	N/A	Gray
JLO25T427	250 MCM	427	0.930	23.62	960	1428.45	7.44	N/A	N/A	Gray
JLO35T427	350 MCM	427	1.110	28.19	1355	2016.25	8.88	N/A	N/A	Gray

OIL-MIST SIL-A-BLEND 150C/8000V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA	Color
EEO04T133	4	133	0.653	16.59	286	426.01	5.22	N/A	N/A	Gray

Standard conductor: Tinned Copper



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