

150C/15KVDC

150C/20KVDC • 150C/25KVDC

150C/30KVDC • 150C/40KVDC

High-Volt 3239 150

HIGH-VOLTAGE LEAD WIRE

RATINGS / APPROVALS

150°C - 15 KVDC - UL Style 3239

150°C - 20 KVDC - UL Style 3239 / CSA TV-20

150°C - 25 KVDC - UL Style 3239

150°C - 30 KVDC - UL Style 3239

150°C - 40 KVDC - UL Style 3239

UL VW-I Flame Rated

RoHS compliant

CONSTRUCTION

Conductors

18 AWG - 10 AWG (All voltages) - UL 3239

Stranded tinned copper

*Consult factory for alternative conductor and stranding options.

Insulating System

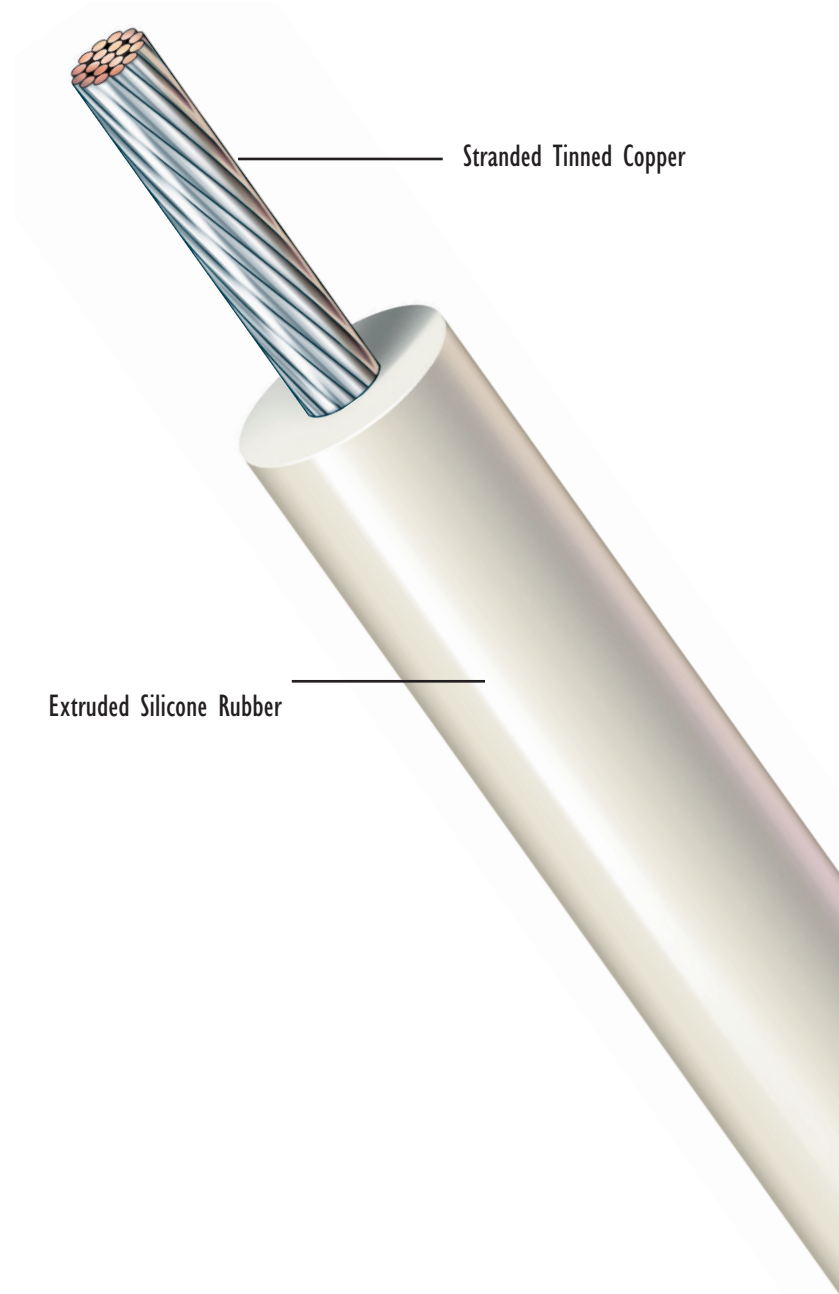
Extruded Silicone Rubber

Standard Color

Available in colors

CHARACTERISTICS

- Radiation, ozone, and moisture resistant
- Easy to strip
- High flexibility
- LSZH: Low Smoke, Zero Halogen
- Suitable for applications to -60°C



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10-5-2023

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WIRE & CABLE

High-Volt 3239 150

HIGH-VOLTAGE LEAD WIRE

SPECIFICATIONS

HIGH-VOLT 3239 150/15KVDC

Part No.	Temp Rating	Voltage Rating	Awg. Size	# Strands	Final O.D. (in)	Final O.D. (mm)	Wgt. (lbs/Mft)	Wgt. (kg/km)	Min. Bend Radius (in)	UL	CSA
HOA18T016	150C	15KVDC	18	16	0.139	3.53	12.29	18.29	1.11	3239	N/A
HOA16T026	150C	15KVDC	16	26	0.149	3.78	16.09	23.95	1.19	3239	N/A
HOA14T041	150C	15KVDC	14	41	0.164	4.17	21.90	32.59	1.31	3239	N/A
HOA12T065	150C	15KVDC	12	65	0.181	4.60	30.82	45.87	1.45	3239	N/A
HOA10T105	150C	15KVDC	10	105	0.204	5.18	44.73	66.57	1.63	3239	N/A

HIGH-VOLT 3239 150/20KVDC

Part No.	Temp Rating	Voltage Rating	Awg. Size	# Strands	Final O.D. (in)	Final O.D. (mm)	Wgt. (lbs/Mft)	Wgt. (kg/km)	Min. Bend Radius (in)	UL	CSA
HPA18T016	150C	20KVDC	18	16	0.151	3.84	13.76	20.48	1.21	3239	TV-20
HPA16T026	150C	20KVDC	16	26	0.161	4.09	17.66	26.28	1.29	3239	TV-20
HPA14T041	150C	20KVDC	14	41	0.176	4.47	23.62	35.15	1.41	3239	TV-20
HPA12T065	150C	20KVDC	12	65	0.193	4.90	32.71	48.68	1.54	3239	TV-20
HPA10T105	150C	20KVDC	10	105	0.216	5.49	46.86	69.74	1.73	3239	TV-20

HIGH-VOLT 3239 150/25KVDC

Part No.	Temp Rating	Voltage Rating	Awg. Size	# Strands	Final O.D. (in)	Final O.D. (mm)	Wgt. (lbs/Mft)	Wgt. (kg/km)	Min. Bend Radius (in)	UL	CSA
HTA18T016	150C	25KVDC	18	16	0.151	3.84	13.76	20.48	1.21	3239	N/A
HTA16T026	150C	25KVDC	16	26	0.161	4.09	17.66	26.28	1.29	3239	N/A
HTA14T041	150C	25KVDC	14	41	0.176	4.47	23.62	35.15	1.41	3239	N/A
HTA12T065	150C	25KVDC	12	65	0.193	4.90	32.71	48.68	1.54	3239	N/A
HTA10T105	150C	25KVDC	10	105	0.216	5.49	46.86	69.74	1.73	3239	N/A

HIGH-VOLT 3239 150/30KVDC

Part No.	Temp Rating	Voltage Rating	Awg. Size	# Strands	Final O.D. (in)	Final O.D. (mm)	Wgt. (lbs/Mft)	Wgt. (kg/km)	Min. Bend Radius (in)	UL	CSA
HQA18T016	150C	30KVDC	18	16	0.157	3.99	14.54	21.64	1.26	3239	N/A
HQA16T026	150C	30KVDC	16	26	0.167	4.24	18.49	27.52	1.34	3239	N/A
HQA14T041	150C	30KVDC	14	41	0.182	4.62	24.53	36.51	1.46	3239	N/A
HQA12T065	150C	30KVDC	12	65	0.199	5.05	33.70	50.15	1.59	3239	N/A
HQA10T105	150C	30KVDC	10	105	0.222	5.64	47.97	71.39	1.78	3239	N/A

HIGH-VOLT 3239 150/40KVDC

Part No.	Temp Rating	Voltage Rating	Awg. Size	# Strands	Final O.D. (in)	Final O.D. (mm)	Wgt. (lbs/Mft)	Wgt. (kg/km)	Min. Bend Radius (in)	UL	CSA
HRA18T016	150C	40KVDC	18	16	0.231	5.87	26.63	39.63	1.85	3239	N/A
HRA16T026	150C	40KVDC	16	26	0.241	6.12	31.24	46.49	1.93	3239	N/A
HRA14T041	150C	40KVDC	14	41	0.256	6.50	38.21	56.87	2.05	3239	N/A
HRA12T065	150C	40KVDC	12	65	0.273	6.93	48.45	72.11	2.18	3239	N/A
HRA10T105	150C	40KVDC	10	105	0.296	7.52	64.15	95.47	2.37	3239	N/A

Standard conductor: Tinned Copper as designated

All dimensions listed above are nominal. Consult factory for alternate conductor and stranding options

For additional cable configurations not listed, check our Website (www.radix-wire.com) or contact Sales at salesinfo@radix-wire.com.

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 & Cable is not responsible for any claim traceable to such error.

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