

150C/15KVDC,  
150C/20KVDC, 150C/25KVDC  
150C/30KVDC, and 150C/40KVDC

# High Volt 3239

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

## CONSTRUCTION

### Conductors

18 AWG — 10 AWG  
Stranded tinned copper  
(Other optional conductor materials available)

### Insulating System

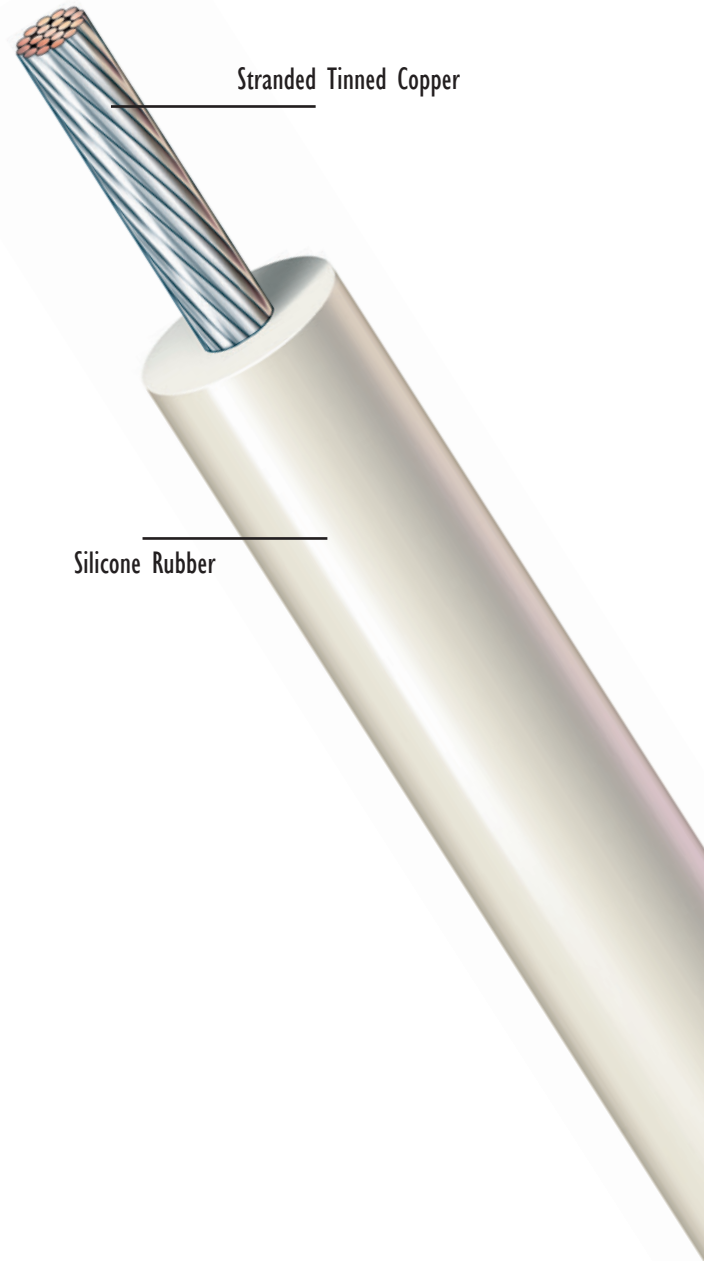
Extruded silicone rubber

### Standard Color Coding

Available in Colors

## CHARACTERISTICS

- UL VW-I Flame rated.
- Radiation, ozone, and moisture resistant.
- Easy to strip.
- Very flexible.
- Suitable for applications to -60°C.
- LSZH



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# SPECIFICATIONS

# High Volt 3239 HIGH-VOLTAGE LEAD WIRE

## HI VOLT 3239 150C/15KVDC

Part No..	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA
HOA18T016	18	16	0.139	3.53	12	18.29	1.11	3239	N/A
HOA16T026	16	26	0.149	3.78	16	23.95	1.19	3239	N/A
HOA14T041	14	41	0.164	4.17	22	32.59	1.31	3239	N/A
HOA12T065	12	65	0.181	4.60	31	45.87	1.45	3239	N/A
HOA10T105	10	105	0.204	5.18	45	66.57	1.63	3239	N/A

## HI VOLT 3239 150C/20KVDC

Part No..	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA
HPA18T016	18	16	0.139	3.53	12	18.29	1.11	3239	TV-20
HPA16T026	16	26	0.149	3.78	16	23.95	1.19	3239	TV-20
HPA14T041	14	41	0.164	4.17	22	32.59	1.31	3239	TV-20
HPA12T065	12	65	0.181	4.60	31	45.87	1.45	3239	TV-20
HPA10T105	10	105	0.204	5.18	45	66.57	1.63	3239	TV-20

## HI VOLT 3239 150C/25KVDC

Part No..	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA
HTA18T016	18	16	0.151	3.84	14	20.48	1.21	3239	N/A
HTA16T026	16	26	0.161	4.09	18	26.28	1.29	3239	N/A
HTA14T041	14	41	0.176	4.47	24	35.15	1.41	3239	N/A
HTA12T065	12	65	0.193	4.90	33	48.68	1.54	3239	N/A
HTA10T105	10	105	0.216	5.49	47	69.74	1.73	3239	N/A

## HI VOLT 3239 150C/30KVDC

Part No..	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA
HQA18T016	18	16	0.157	3.99	15	21.64	1.26	3239	N/A
HQA16T026	16	26	0.167	4.24	18	27.52	1.34	3239	N/A
HQA14T041	14	41	0.182	4.62	25	36.51	1.46	3239	N/A
HQA12T065	12	65	0.199	5.05	34	50.15	1.59	3239	N/A
HQA10T105	10	105	0.222	5.64	48	71.39	1.78	3239	N/A

## HI VOLT 3239 150C/40KVDC

Part No..	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA
HRA18T016	18	16	0.231	5.87	27	39.63	1.85	3239	N/A
HRA16T026	16	26	0.241	6.12	38	56.87	1.93	3239	N/A
HRA14T041	14	41	0.256	6.50	38	56.87	2.05	3239	N/A
HRA12T065	12	65	0.273	6.93	48	72.11	2.18	3239	N/A
HRA10T105	10	105	0.296	7.52	64	95.47	2.37	3239	N/A

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

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