

200C/7.5KVAC, 200C/10KVAC  
and 230C/10KVAC

# HI VOLT SILICONE 200/230 HIGH-VOLTAGE LEAD WIRE

## RATINGS / APPROVALS

200°C – 7.5 KV - UL Style 3479

200°C – 10 KV - UL Style 3304

230°C – 10 KV - UL Style 3404

## CONSTRUCTION

### Conductors

22 AWG – 12 AWG

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

### Insulating System

Extruded Silicone Rubber

### Outer Covering

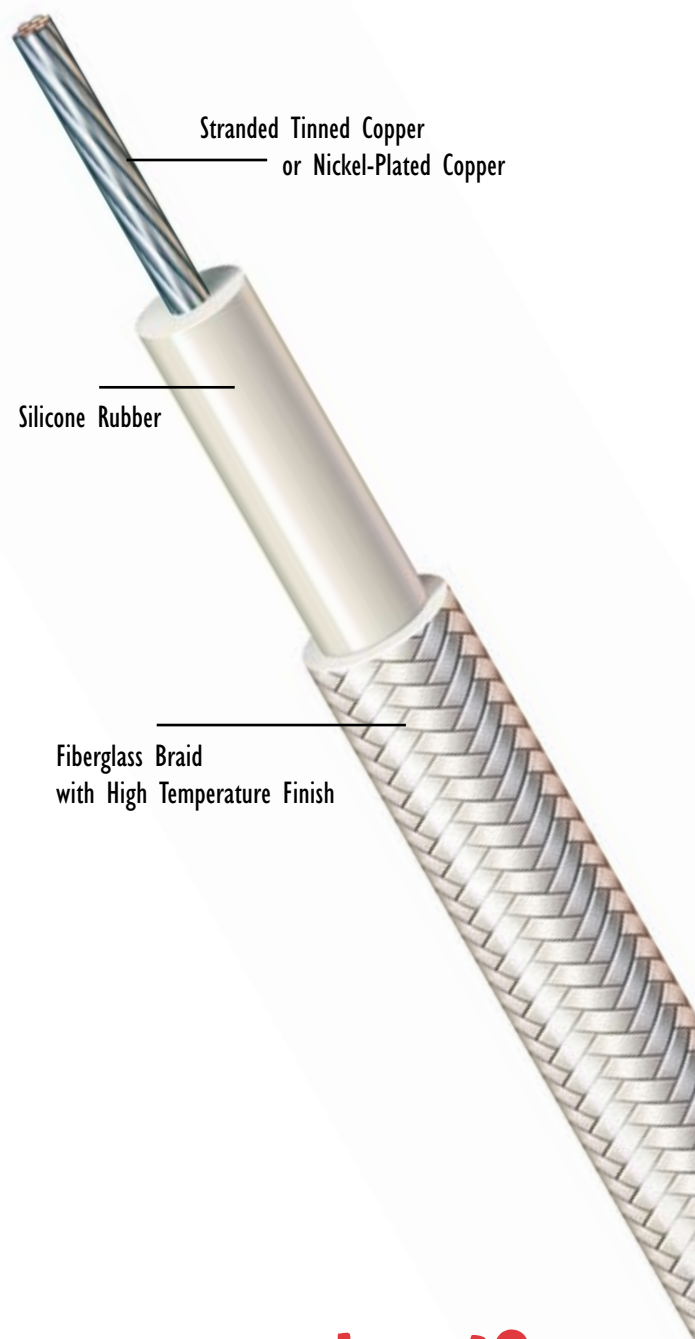
Braided fiberglass with a high temperature finish

### Standard Color Coding

Available in Colors or Striped Combinations

## CHARACTERISTICS

- Silicone formulations suitable for UV, ozone, moisture exposure.
- Not suited for immersed applications.
- Suitable for applications to -60°C.
- Silicone Rubber in extreme environments, exceeding rated temperature, leaves a non-conductive ash and retains excellent insulation properties.



**Radix™**

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# SPECIFICATIONS

# HI VOLT SILICONE 200/230 HIGH-VOLTAGE LEAD WIRE

## HI VOLT SILICONE 200C/7.5KVAC

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL
EAF22P007	22	7	0.102	2.59	6.64	9.88	3479
EAF20P007	20	7	0.108	2.74	7.98	11.87	3479
EAF18T007	18	7	0.116	2.95	10.45	15.55	3479
EAF16T007	16	7	0.126	3.20	14.03	20.88	3479
EAF14T007	14	7	0.140	3.56	19.54	29.08	3479
EAF12T019	12	19	0.160	4.06	28.20	41.96	3479

Standard conductor: Tinned Copper (Standard conductor for 20-22 AWG ONLY: Nickel Plated Copper-2%)

## HI VOLT SILICONE 200C/10KVAC

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL
EBF22P007	22	7	0.122	3.10	8.86	13.18	3304
EBF20P007	20	7	0.128	3.25	10.33	15.37	3304
EBF18T007	18	7	0.138	3.51	11.54	17.17	3304
EBF16T007	16	7	0.150	3.81	15.41	22.93	3304
EBF14T007	14	7	0.165	4.19	21.25	31.62	3304
EBF12T019	12	19	0.184	4.67	31.23	46.47	3304

Standard conductor: Tinned Copper (Standard conductor for 20-22 AWG ONLY: Nickel Plated Copper-2%)

## HI VOLT SILICONE 230C/10KVAC

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL
ECC22P007	22	7	0.128	3.25	9.69	14.42	3404
ECC20P007	20	7	0.134	3.40	11.19	16.65	3404
ECC18P019	18	19	0.140	3.51	13.50	20.09	3404
ECC16P026	16	26	0.152	3.86	17.76	26.43	3404
ECC14P041	14	41	0.167	4.24	23.62	35.15	3404
ECC12P065	12	65	0.186	4.72	33.23	49.45	3404

Standard conductor: Nickel Plated Copper - 2%

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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