

Braided Silicone High Volt 200/230

HIGH-VOLTAGE LEAD WIRE

200C/10KV and 230C/10KV

RATINGS / APPROVALS

200°C - 10 KV - UL Style 3304

230°C - 10 KV - UL Style 3404

CONSTRUCTION

Conductors

22 AWG - 12 AWG (10kV)

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

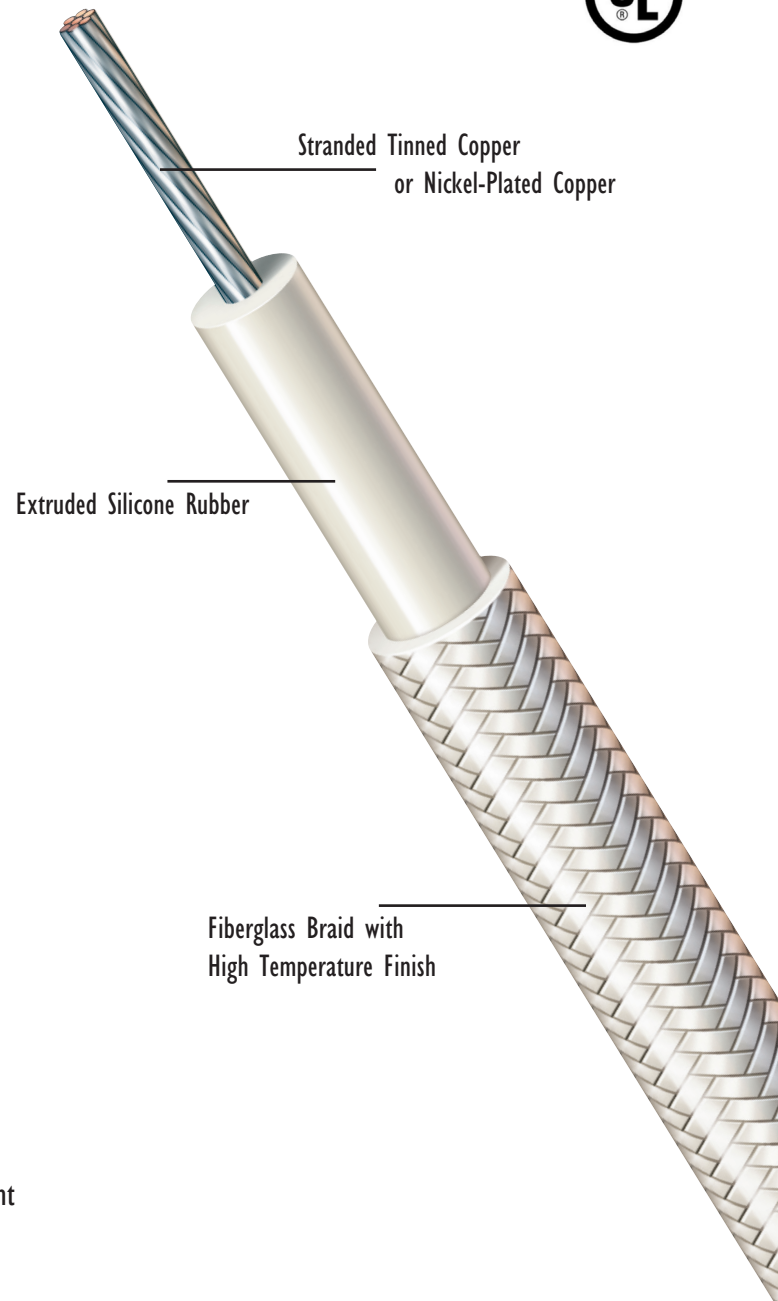
Standard Color Coding

Available in Colors or Striped Combinations

CHARACTERISTICS

- Silicone formulations suitable for UV, ozone, and moisture exposure.
- Not suited for immersed applications.
- Suitable for applications to -60°C.

Note: Silicone Rubber when exposed to extreme environments exceeding the rated temperature may leave a non-conductive ash yet retains excellent insulation properties



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Braided Silicone High Volt 200/230 HIGH-VOLTAGE LEAD WIRE

SPECIFICATIONS

HIGH VOLT SILICONE 200C/10KV

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
EBF22P007	200C	10000V	22 NPC 2%	7	0.128	3.25	9.71	14.45	1.02	3304
EBF20P007	200C	10000V	20 NPC 2%	7	0.138	3.51	11.65	17.34	1.10	3304
EBF18T007	200C	10000V	18	7	0.147	3.73	14.21	21.15	1.18	3304
EBF16T007	200C	10000V	16	7	0.152	3.86	17.09	25.43	1.22	3304
EBF14T007	200C	10000V	14	7	0.165	4.19	22.11	32.90	1.32	3304
EBF12T019	200C	10000V	12	19	0.182	4.62	31.76	47.27	1.46	3304

HIGH VOLT SILICONE 230C/10KV

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
ECC22P007	230C	10000V	22 NPC 2%	7	0.126	3.20	9.22	13.72	1.01	3404
ECC20P007	230C	10000V	20 NPC 2%	7	0.133	3.38	10.76	16.01	1.06	3404
ECC18P019	230C	10000V	18 NPC 2%	19	0.140	3.56	13.00	19.35	1.12	3404
ECC16P026	230C	10000V	16 NPC 2%	26	0.153	3.89	17.19	25.58	1.22	3404
ECC14P041	230C	10000V	14 NPC 2%	41	0.168	4.27	23.09	34.36	1.34	3404
ECC12P065	230C	10000V	12 NPC 2%	65	0.186	4.72	32.53	48.41	1.49	3404

Standard conductor: Tinned Copper or Nickel Plated Copper (2%) as designated
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 & Cable is not responsible for any claim traceable to such error.

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