

Hi Volt Sil-A-Blend[®] 200

HIGH-VOLTAGE LEAD WIRE

200C/7.5KV and 200C/10KV



RATINGS / APPROVALS

200°C - 7.5KV - UL Style 3576

200°C - 10KV - UL Style 3573

CONSTRUCTION

Conductors

22 AWG - 12 AWG

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

Insulating System

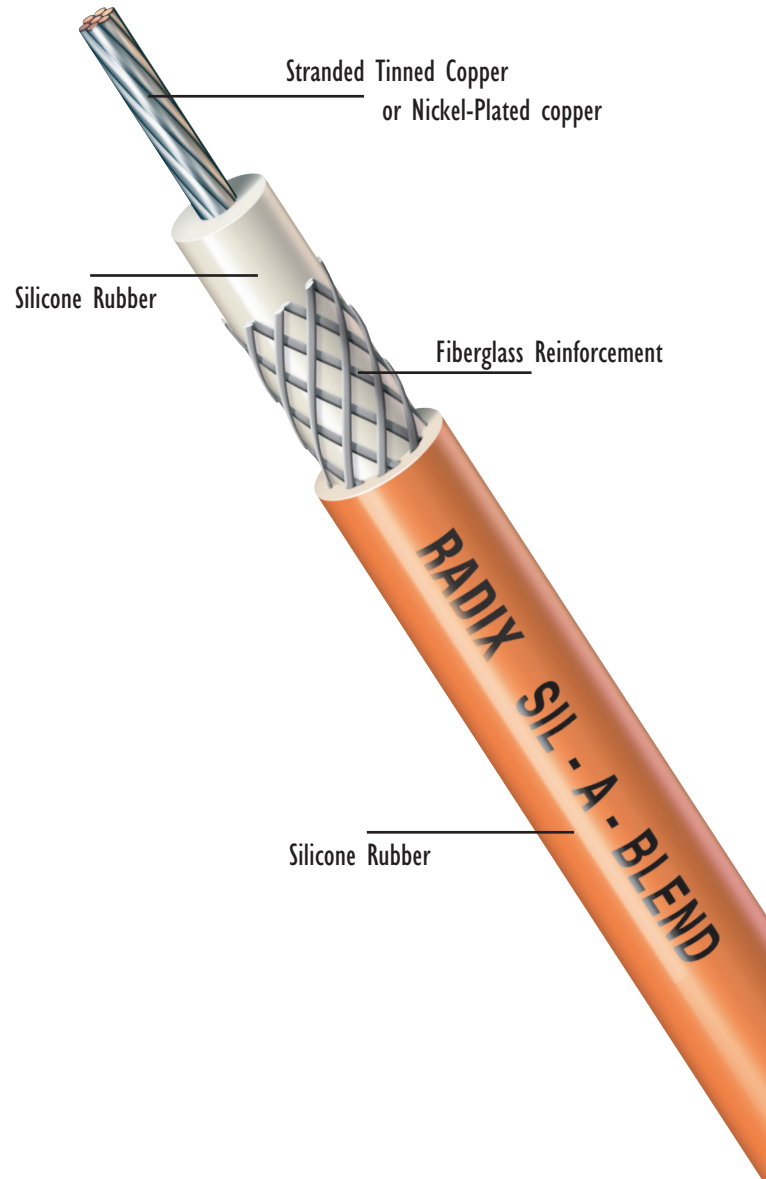
Composite Extruded Silicone Rubber with intermediate fiberglass reinforcement

Standard Color Coding

Available in Colors

CHARACTERISTICS

- Outperforms Braided Silicone products
 - Smaller OD, lighter weight, tighter bend radius.
 - Durable outer jacket.
 - Eliminates braid fraying, flowering, and shrink back
 - Virtually eliminates skin irritation
 - Significantly reduces airborne fiberglass contaminants traditionally found in high volume processing
 - Superior flexibility.
 - Color stable at elevated temperatures.
 - LSZH: Low smoke, zero halogen.
- Specially formulated outer silicone jacket greatly enhances abrasion resistance.
- Silicone formulations suitable for UV, ozone, moisture exposure.
- Suitable for varnish dip and bake applications.
- Not suited for immersed applications.
- Suitable for applications to -60°C.



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Hi Volt Sil-A-Blend® 200

HIGH-VOLTAGE LEAD WIRE

SPECIFICATIONS

SIL-A-BLEND 200C/7.5KV

Part No.	Temp Rating	Voltage Rating	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA
NDA22P007	200C	7500V	22 NPC 2%	7	0.100	2.54	6.62	9.85	0.80	3576	N/A
NDA20P007	200C	7500V	20 NPC 2%	7	0.110	2.79	8.36	12.44	0.88	3576	N/A
NDA18T007	200C	7500V	18	7	0.119	3.02	10.75	16.00	0.95	3576	N/A
NDA16T007	200C	7500V	16	7	0.130	3.30	14.39	21.42	1.04	3576	N/A
NDA14T007	200C	7500V	14	7	0.142	3.61	19.07	28.38	1.14	3576	N/A
NDA12T019	200C	7500V	12	19	0.160	4.06	28.59	42.55	1.28	3576	N/A

SIL-A-BLEND 200C/10KV

Part No.	Temp Rating	Voltage Rating	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA
NEA22P007	200C	10000V	22 NPC 2%	7	0.120	3.05	8.02	11.94	0.96	3573	N/A
NEA20P007	200C	10000V	20 NPC 2%	7	0.126	3.20	10.16	15.12	1.01	3573	N/A
NEA18T007	200C	10000V	18	7	0.139	3.53	13.09	19.48	1.11	3573	N/A
NEA16T007	200C	10000V	16	7	0.147	3.73	16.52	24.59	1.18	3573	N/A
NEA14T007	200C	10000V	14	7	0.160	4.06	21.54	32.06	1.28	3573	N/A

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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