

250C/10KV

HIVOLT SIL-A-BLEND® 250

HIGH-VOLTAGE LEAD WIRE

RATINGS / APPROVALS

250°C - 10 KVAC - UL Style 3634

CONSTRUCTION

Conductors

22 AWG - 12 AWG

Stranded nickel-plated copper - 2%

(Other conductor materials available)

Insulating System

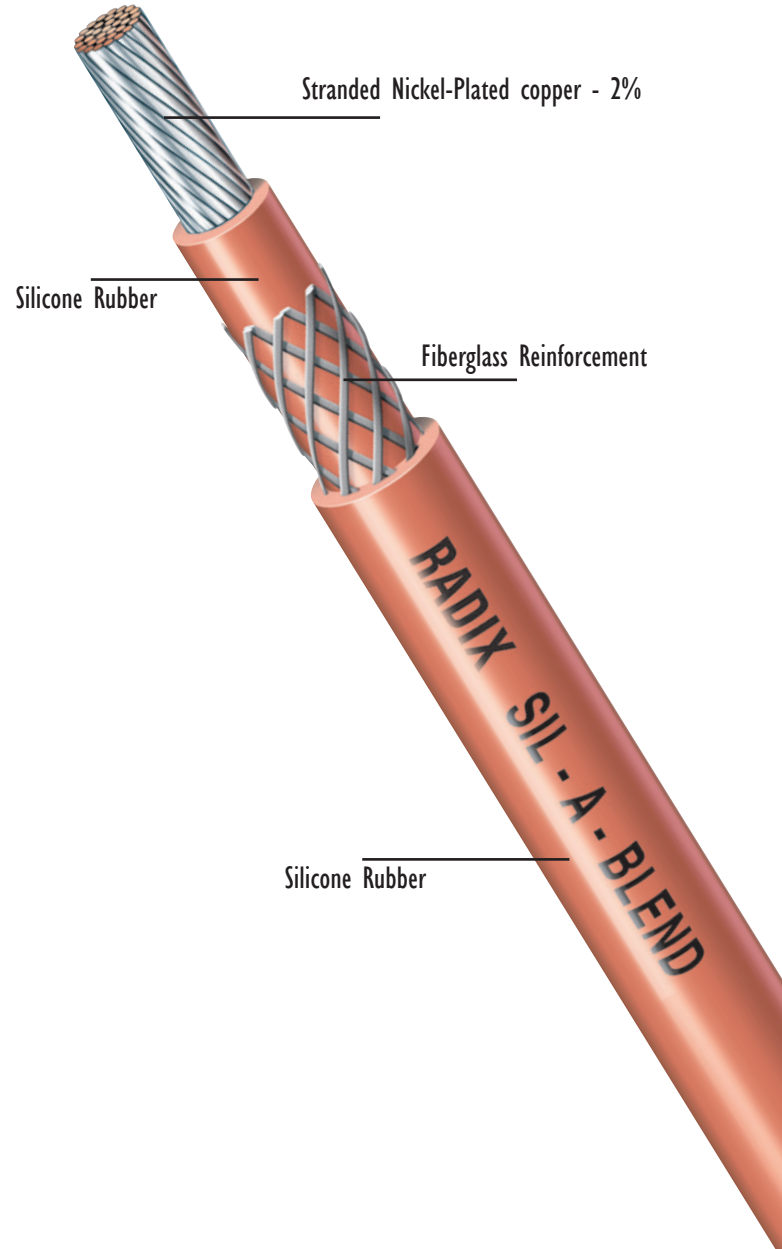
Composite Extruded Silicone Rubber with intermediate fiberglass reinforcement

Standard Color Coding

Iron Oxide Red with Colored Markings

CHARACTERISTICS

- Outperforms Braided Silicone products:
 - ~ 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.
 - ~ Low smoke.
- Silicone formulations suitable for UV, ozone, moisture exposure.
Not suited for immersed applications.
- Suitable for applications to -60°C



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HIGH-VOLTAGE LEAD WIRE

SPECIFICATIONS

SIL-A-BLEND 250C/10KV

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA
NKA22P007	22	7	0.120	3.05	8	11.98	0.96	3634	N/A
NKA20P007	20	7	0.126	3.20	10	14.20	1.01	3634	N/A
NKA18P019	18	19	0.133	3.38	12	17.49	1.06	3634	N/A
NKA16P026	16	26	0.149	3.78	17	24.70	1.19	3634	N/A
NKA14P041	14	14	0.161	4.09	22	32.13	1.29	3634	N/A
NKA12P065	12	65	0.181	4.60	31	46.06	1.45	3634	N/A

Standard conductor: Nickel Plated Copper - 2%

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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The Radix logo is written in a stylized, red, cursive font. The letter 'i' in 'Radix' has a red dot above it. A small trademark symbol (TM) is located at the top right of the 'x'.

WIRE & CABLE

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