

## 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

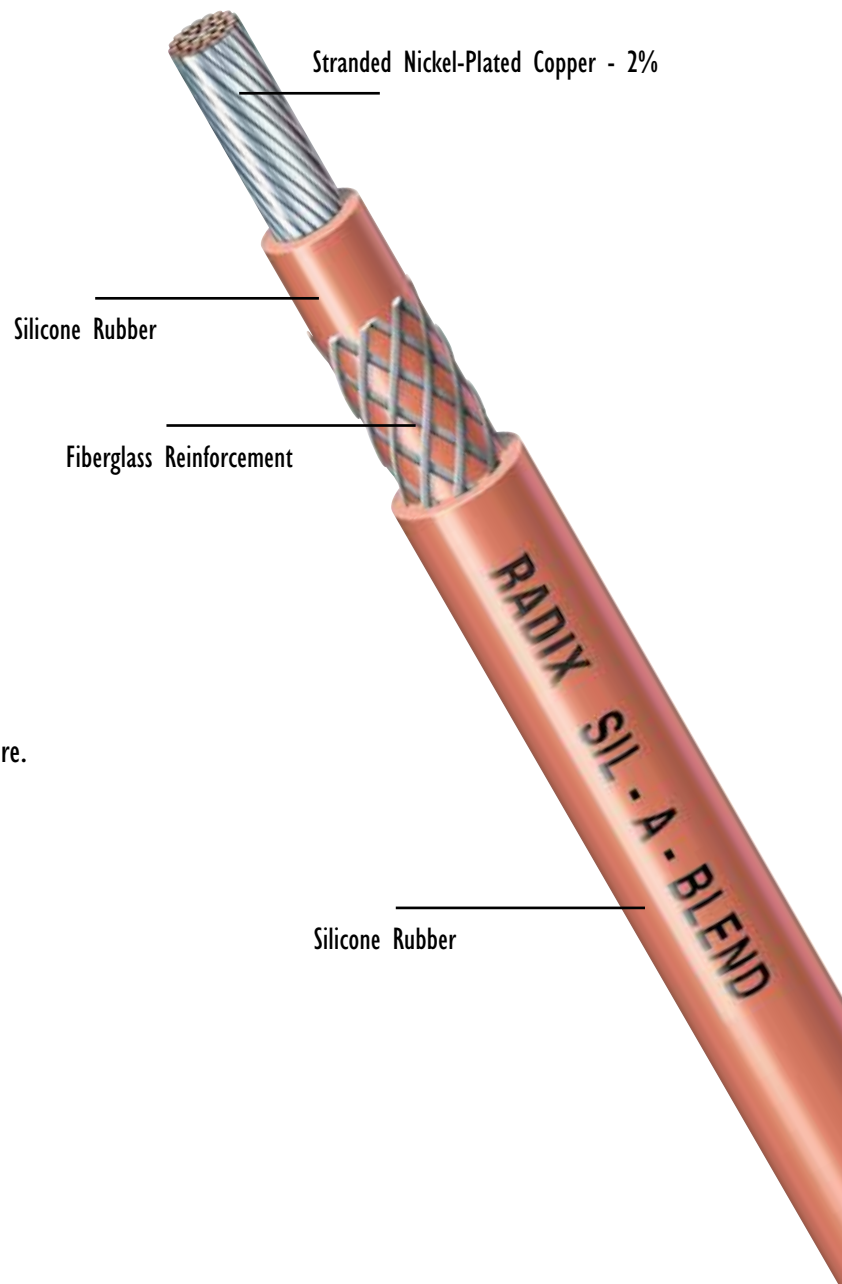
Composite Extruded Silicone Rubber with  
intermediate fiberglass reinforcement

### 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



# Radix™

Radix Wire Company

26000 Lakeland Boulevard • Cleveland, OH 44132

Tel: 216 731-9191 • Fax: 216 731-7082

[www.radix-wire.com](http://www.radix-wire.com)

# SPECIFICATIONS

# HI VOLT SIL-A-BLEND® 250 HIGH-VOLTAGE LEAD WIRE

## SIL-A-BLEND 250C/10KV

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL
NKA22P007	22	7	0.120	3.04	8.05	11.98	3634
NKA20P007	20	7	0.126	3.20	9.54	14.20	3634
NKA18P019	18	19	0.133	3.38	11.75	17.49	3634
NKA16P026	16	26	0.149	3.79	16.60	24.71	3634
NKA14P041	14	41	0.161	4.10	21.59	32.14	3634
NKA12P065	12	65	0.181	4.61	30.95	46.07	3634

Standard conductor: Nickel Plated Copper - 2%

Consult factory for alternate conductor and stranding options.

® Registered trademark of Radix.

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 Company, Inc. is not responsible for any claim traceable to such error.



**Radix Wire Company**  
26000 Lakeland Boulevard • Cleveland, OH 44132  
Tel: 216 731-9191 • Fax: 216 731-7082  
[www.radix-wire.com](http://www.radix-wire.com)