

## RATINGS / APPROVALS

200°C – 7.5 KV - UL Style 3576

200°C – 10 KV - UL Style 3573

## CONSTRUCTION

### Conductors

22 AWG – 12 AWG

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

### Insulating System

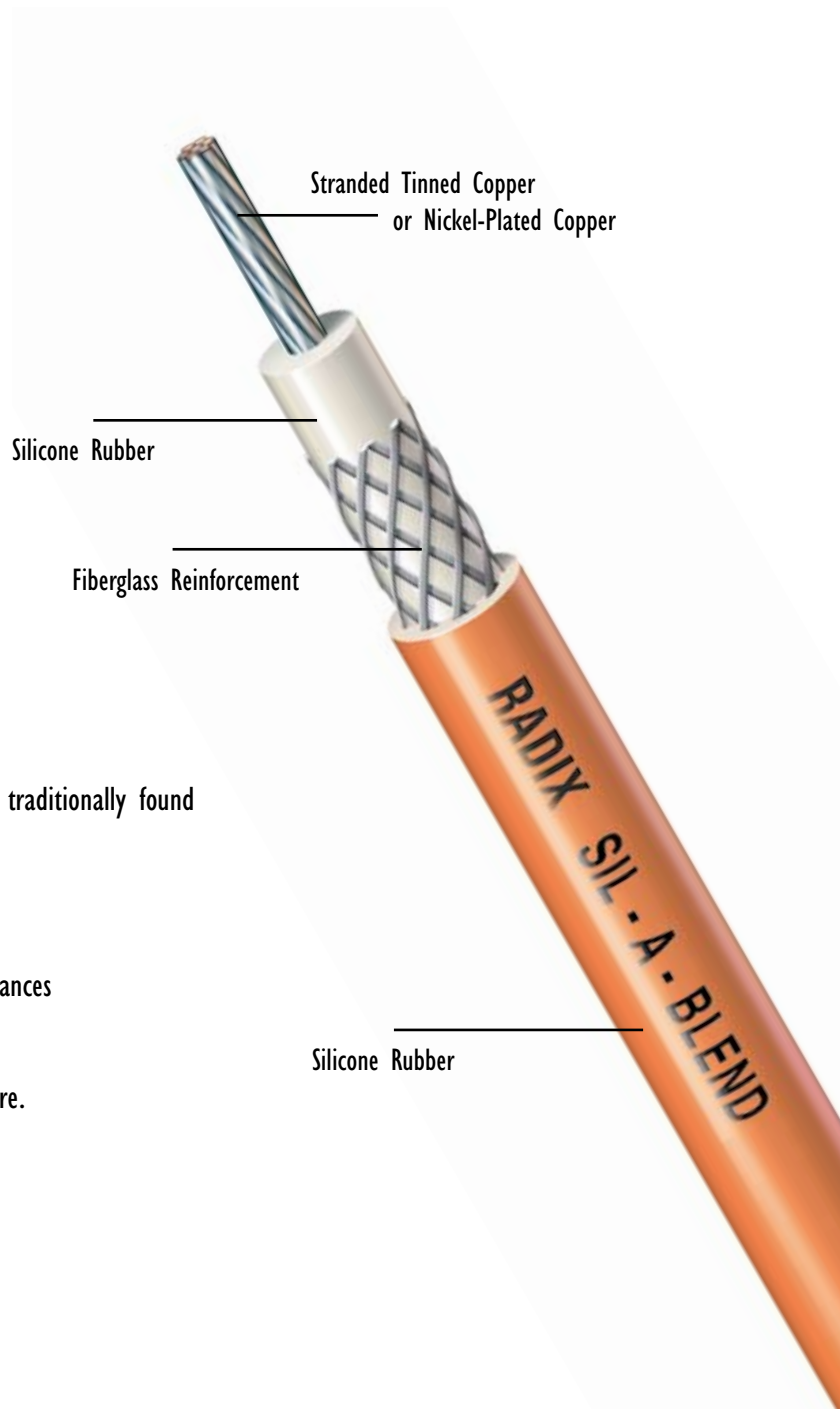
Composite Extruded Silicone Rubber with intermediate fiberglass reinforcement

### 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.
  - ~ Low smoke.
  - ~ Specially formulated outer silicone jacket greatly enhances abrasion resistance.
  - ~ Suitable for varnish dip and bake applications.
- Silicone formulations suitable for UV, ozone, moisture exposure. Not suited for immersed applications.
- Suitable for applications to -60°C.



**Radix**<sup>™</sup>

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# SPECIFICATIONS

# HI VOLT SIL-A-BLEND® 200 HIGH-VOLTAGE LEAD WIRE

## SIL-A-BLEND 200C/7.5KV

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL
NDA22P007	22	7	0.100	2.54	6.61	9.83	3576
NDA20P007	20	7	0.110	2.79	8.36	12.44	3576
NDA18T007	18	7	0.123	3.02	10.77	16.02	3576
NDA16T007	16	7	0.134	3.30	14.38	21.40	3576
NDA14T007	14	7	0.148	3.66	19.95	29.69	3576
NDA12T019	12	19	0.166	4.11	28.52	42.44	3576

## SIL-A-BLEND 200C/10KV

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL
NEA22P007	22	7	0.120	3.00	8.02	11.93	3573
NEA20P007	20	7	0.126	3.30	10.16	15.12	3573
NEA18T007	18	7	0.139	3.53	12.66	18.84	3573

Standard conductor: Tinned Copper (Standard conductor for 20-22 AWG ONLY: 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

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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