

250C/600V

# SIL-A-BLEND<sup>®</sup> 250 HIGH-TEMPERATURE LEAD WIRE

## RATINGS / APPROVALS

250°C – 600 Volts - UL Style 3637 / CSA AWM Class I A/B FT2

RoHS Compliant

## CONSTRUCTION

### Conductors

22 AWG – 8 AWG

Stranded nickel-plated copper - 2%  
(Other conductor materials available)

### Insulating System

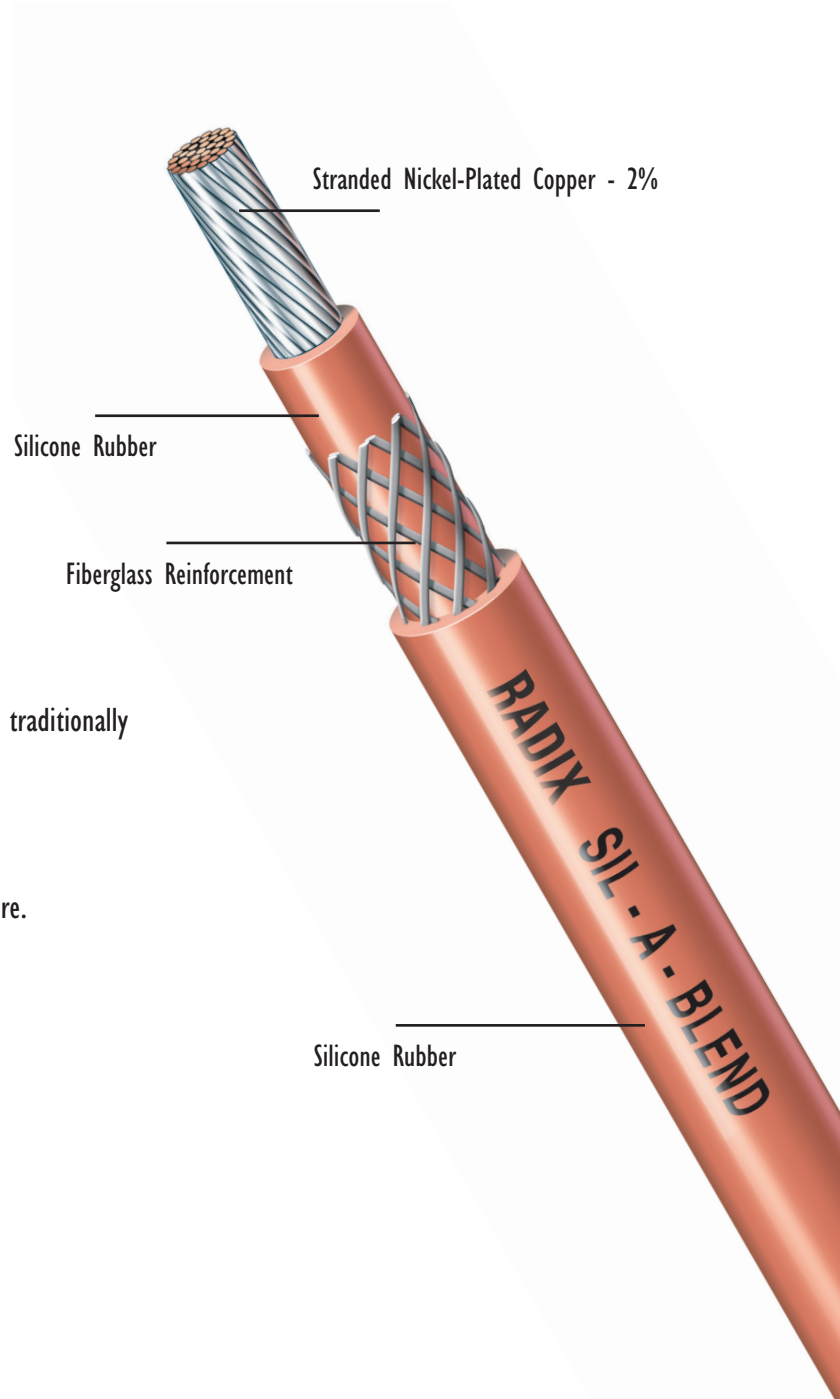
Composite Extruded Silicone Rubber with  
intermediate fiberglass reinforcement

### 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**<sup>™</sup>

# SPECIFICATIONS

# SIL-A-BLEND® 250 HIGH-TEMPERATURE LEAD WIRE

## SIL-A-BLEND 250C/600V

| Part No.  | Awg. Size | # Strands | Outer Dia. inches | Outer Dia. mm | Wgt - lbs per 1000 ft | Wgt - kg per km | UL   | CSA           |
|-----------|-----------|-----------|-------------------|---------------|-----------------------|-----------------|------|---------------|
| NMA20P007 | 20        | 7         | 0.110             | 2.80          | 8.01                  | 11.91           | 3637 | AWM I A/B FT2 |
| NMA18P019 | 18        | 19        | 0.117             | 2.98          | 10.12                 | 15.06           | 3637 | AWM I A/B FT2 |
| NMA16P026 | 16        | 26        | 0.129             | 3.27          | 13.90                 | 20.68           | 3637 | AWM I A/B FT2 |
| NMA14P041 | 14        | 41        | 0.143             | 3.63          | 19.33                 | 28.77           | 3637 | AWM I A/B FT2 |
| NMA12P065 | 12        | 65        | 0.162             | 4.11          | 28.36                 | 42.20           | 3637 | AWM I A/B FT2 |
| NMA10P105 | 10        | 105       | 0.216             | 5.50          | 47.27                 | 70.35           | 3637 | AWM I A/B FT2 |
| NMA08P133 | 8         | 133       | 0.299             | 7.58          | 80.13                 | 119.24          | 3637 | AWM I A/B FT2 |

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 • CSA Certified File No. LL13427 or LL80670

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 is not responsible for any claim traceable to such error.



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