

RATINGS / APPROVALS

250°C – 300 Volts - UL Style 3253 / CSA AWM I A/B FT2

250°C – 600 Volts - UL Style 3251 / CSA AWM I A/B FT2

RoHS Compliant

CONSTRUCTION

Conductors

22 AWG – 10 AWG

Stranded nickel-plated copper

(Other conductor materials available)

Insulating System

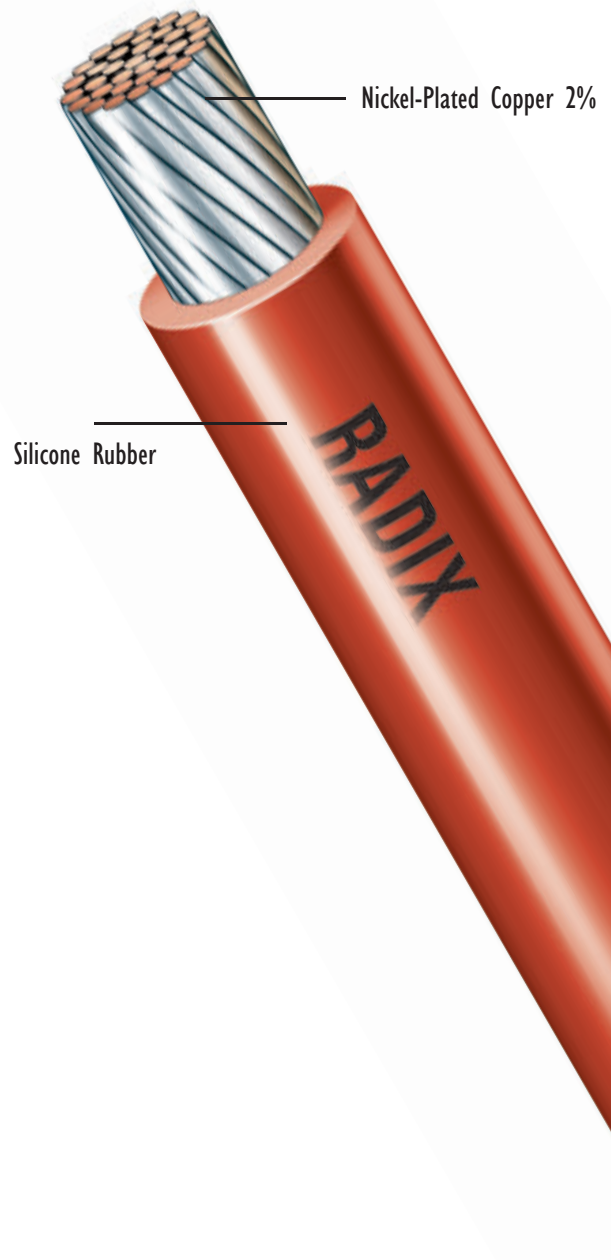
Extruded Silicone Rubber

Standard Color Coding

Iron Oxide Red with Colored Markings

CHARACTERISTICS

- Silicone formulations suitable for UV, ozone, moisture exposure.
- Not suited for immersed applications.
- Suitable for applications to -60°C.
- Superior flexibility.



Radix[™]

Radix Wire

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SPECIFICATIONS

BRAIDLESS SILICONE 250 HIGH-TEMPERATURE LEAD WIRE

BRAIDLESS SILICONE 250C/300V

| Part No. | Awg. Size | # Strands | Outer Dia. inches | Outer Dia. mm | Wgt - lbs per 1000 ft. | Wgt - kg per km | UL | CSA |
|-----------|-----------|-----------|-------------------|---------------|------------------------|-----------------|------|---------------|
| EFA22P007 | 22 | 7 | 0.092 | 2.34 | 5.42 | 8.06 | 3253 | AWM I A/B FT2 |
| EFA20P007 | 20 | 7 | 0.098 | 2.49 | 6.75 | 10.04 | 3253 | AWM I A/B FT2 |
| EFA18P019 | 18 | 19 | 0.107 | 2.72 | 9.14 | 13.60 | 3253 | AWM I A/B FT2 |
| EFA16P026 | 16 | 26 | 0.118 | 3.00 | 12.74 | 18.96 | 3253 | AWM I A/B FT2 |
| EFA14P041 | 14 | 41 | 0.133 | 3.38 | 18.16 | 27.02 | 3253 | AWM I A/B FT2 |
| EFA12P065 | 12 | 65 | 0.152 | 3.86 | 27.19 | 40.46 | 3253 | AWM I A/B FT2 |
| EFA10P105 | 10 | 105 | 0.177 | 4.50 | 41.05 | 61.09 | 3253 | AWM I A/B FT2 |

BRAIDLESS SILICONE 250C/600V

| Part No. | Awg. Size | # Strands | Outer Dia. inches | Outer Dia. mm | Wgt - lbs per 1000 ft. | Wgt - kg per km | UL | CSA |
|-----------|-----------|-----------|-------------------|---------------|------------------------|-----------------|------|---------------|
| EHA22P007 | 22 | 7 | 0.124 | 3.15 | 8.46 | 12.59 | 3251 | AWM I A/B FT2 |
| EHA20P007 | 20 | 7 | 0.130 | 3.30 | 10.25 | 15.25 | 3251 | AWM I A/B FT2 |
| EHA18P019 | 18 | 19 | 0.139 | 3.53 | 12.60 | 18.75 | 3251 | AWM I A/B FT2 |
| EHA16P026 | 16 | 26 | 0.150 | 3.81 | 16.51 | 24.57 | 3251 | AWM I A/B FT2 |
| EHA14P041 | 14 | 41 | 0.165 | 4.19 | 22.34 | 33.24 | 3251 | AWM I A/B FT2 |
| EHA12P065 | 12 | 65 | 0.184 | 4.67 | 31.91 | 47.49 | 3251 | AWM I A/B FT2 |
| EHA10P105 | 10 | 105 | 0.205 | 5.21 | 46.15 | 68.68 | 3251 | 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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