

RATINGS / APPROVALS

250°C – 300 Volts - UL Style 5167 / CSA AWM I A/B FTI

250°C – 600 Volts - UL Style 5347 / CSA AWM I A/B FTI

CONSTRUCTION

Conductors

24 AWG – 10 AWG

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

Insulating System

Fiberglass serve with high temperature impregnation

Outer Covering

Braided fiberglass with a high temperature finish

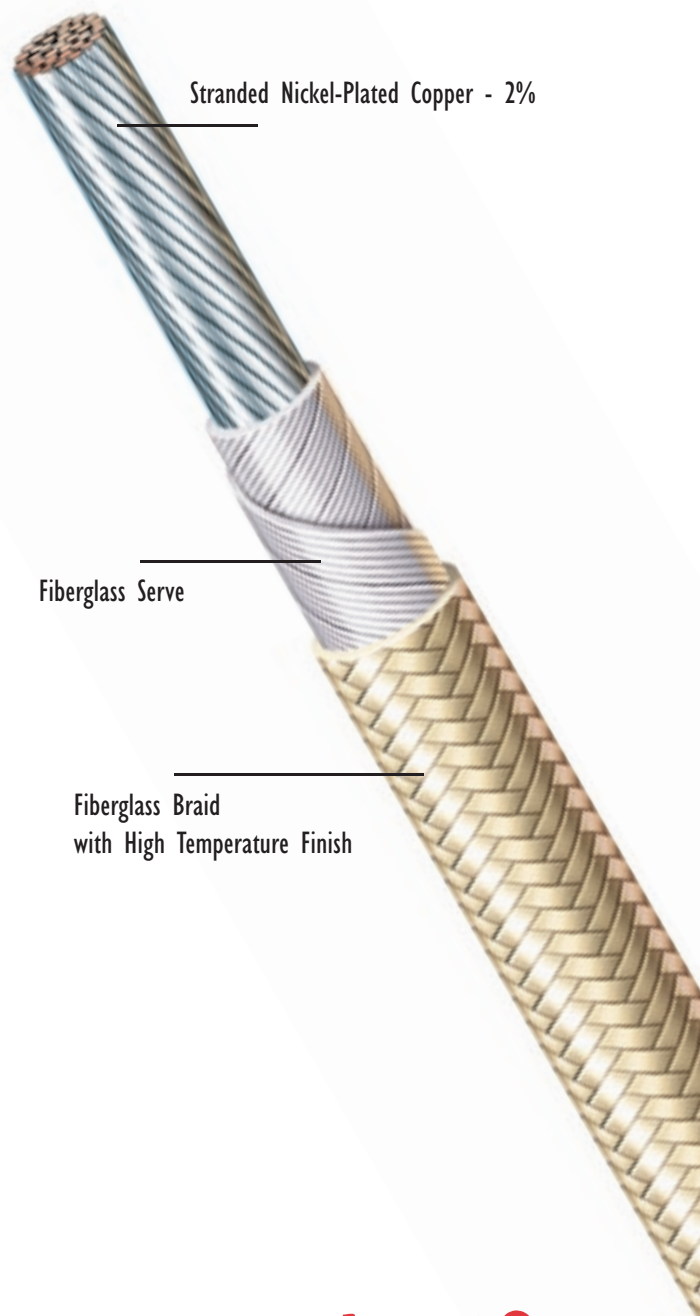
Standard Color Coding

Natural and Solid Colors

Colored Tracers

CHARACTERISTICS

- Engineered for applications where out-gassing may be a problem.
- Factory rated up to 450°C.
- Uniform diameter for close tolerance installations.



Stranded Nickel-Plated Copper - 2%

Fiberglass Serve

Fiberglass Braid
with High Temperature Finish

Radix™

Radix Wire Company

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SPECIFICATIONS

ULTRALEAD™ 250 HIGH-TEMPERATURE LEAD WIRE

ULTRALEAD™ 250C/300V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
AOE20P007	20	7	0.092	2.34	7.30	10.86	5167	AWM I A/B FTI
AOE18P019	18	19	0.102	2.59	9.56	14.22	5167	AWM I A/B FTI
AOE16P026	16	26	0.114	2.84	13.29	19.77	5167	AWM I A/B FTI
AOE14P041	14	41	0.128	3.23	18.71	27.84	5167	AWM I A/B FTI
AOE12P065	12	65	0.145	3.68	27.01	40.19	5167	AWM I A/B FTI
AOE10P105	10	105	0.171	4.34	41.67	62.01	5167	AWM I A/B FTI

ULTRALEAD™ 250C/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
APE24P007	24	7	0.096	2.44	6.18	9.19	5347	AWM I A/B FTI
APE22P007	22	7	0.101	2.54	7.40	11.01	5347	AWM I A/B FTI
APE20P007	20	7	0.106	2.69	8.79	13.08	5347	AWM I A/B FTI
APE18P019	18	19	0.115	2.92	11.30	16.81	5347	AWM I A/B FTI
APE16P026	16	26	0.127	3.23	15.11	22.48	5347	AWM I A/B FTI

Standard conductor: 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 • 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 Company, Inc. is not responsible for any claim traceable to such error.



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