

250C/300V and 250C/600V

# ULTRALEAD™ 250

HIGH-TEMPERATURE LEAD WIRE

## 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

20 AWG - 10 AWG (300V)

24 AWG - 10 AWG (600V)

Stranded nickel-plated copper - 2%

(Other conductor materials available)

### Insulating System

Fiberglass serve with high temperature impregnation

### Outer Covering

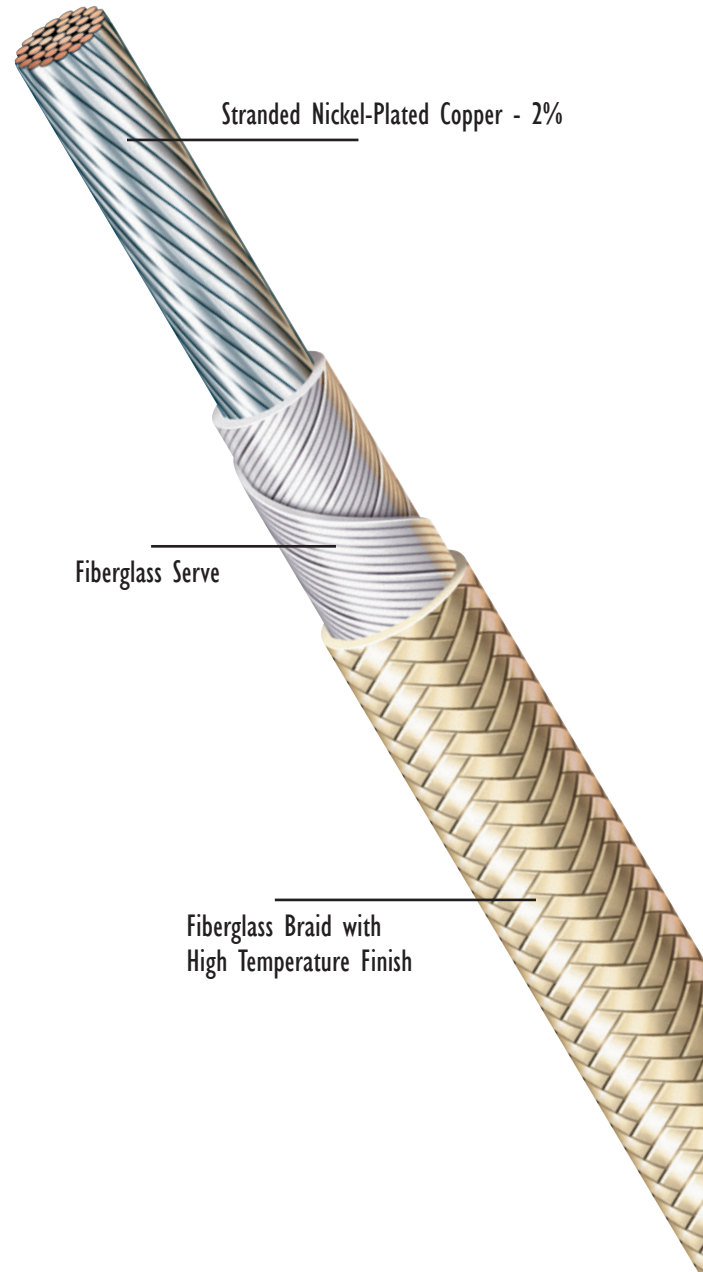
Braided fiberglass with high temperature finish

### Standard Color Coding

Natural or Solid Colors

## CHARACTERISTICS

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



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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/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA
AOE20P007	20	7	0.093	2.36	8	11.62	0.74	5167	AWM I A/B FT I
AOE18P019	18	19	0.102	2.59	10	14.84	0.82	5167	AWM I A/B FT I
AOE16P026	16	26	0.115	2.92	14	20.70	0.92	5167	AWM I A/B FT I
AOE14P041	14	41	0.129	3.28	20	29.35	1.03	5167	AWM I A/B FT I
AOE12P065	12	65	0.146	3.71	29	42.44	1.17	5167	AWM I A/B FT I
AOE10P105	10	105	0.171	4.34	43	63.40	1.37	5167	AWM I A/B FT I

## ULTRALEAD™ 250C/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt. (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA
APE24P007	24	7	0.096	2.44	6	9.51	0.77	5347	AWM I A/B FT I
APE22P007	22	7	0.101	2.57	7	11.01	0.81	5347	AWM I A/B FT I
APE20P007	20	7	0.106	2.69	9	13.08	0.85	5347	AWM I A/B FT I
APE18P019	18	19	0.114	2.90	12	17.25	0.91	5347	AWM I A/B FT I
APE16P026	16	26	0.127	3.23	16	23.32	1.02	5347	AWM I A/B FT I
APE14P041	14	41	0.144	3.66	22	32.71	1.15	5347	AWM I A/B FT I
APE12P065	12	65	0.160	4.06	31	45.69	1.28	5347	AWM I A/B FT I
APE10P105	10	105	0.187	4.75	46	67.97	1.50	5347	AWM I A/B FT I

Standard conductor: Nickel Plated Copper - 2%  
Consult factory for alternative conductor and stranding options.

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 & Cable is not responsible for any claim traceable to such error.

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