

200C/300V, 200C/600V  
AND 200C/1,000V

DuraBlend® 200  
HIGH-TEMPERATURE LEAD WIRE

## RATINGS / APPROVALS

200°C – 300 Volts - UL Style 3586 / CSA AWM I A/B FTI

200°C – 600 Volts - UL Style 3772 / CSA AWM I A/B FTI

200°C – 1000 Volts - UL Style 3788 / CSA AWM I A/B FTI

## CONSTRUCTION

### Conductors

22 AWG – 16 AWG (300V)

22 AWG – 4/0 AWG (600V, 1000V)

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

### Insulating System

Composite Extruded Silicone Rubber with intermediate fiberglass reinforcement

### Standard Color Coding

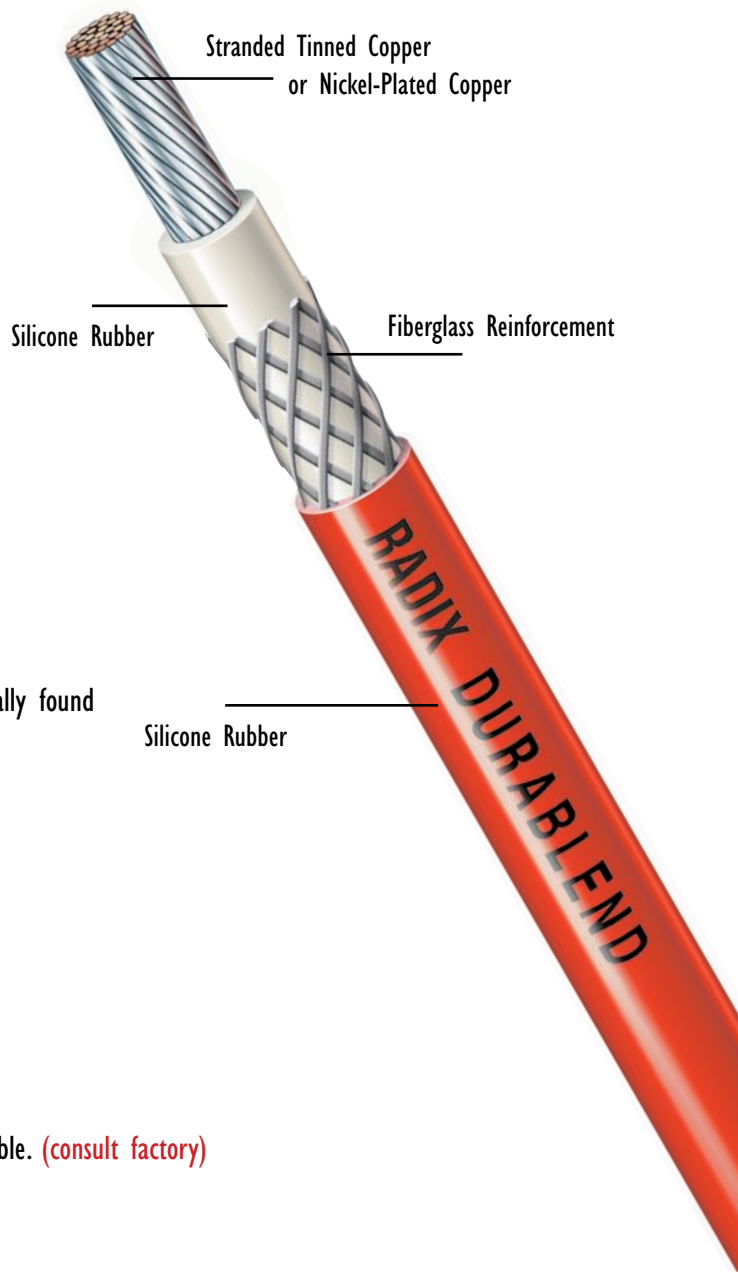
Available in Colors or Striped Combinations

## CHARACTERISTICS

- Outperforms Braided Silicone products:
  - ~ Smaller diameter, lighter weight, tighter bend radius
  - ~ Intermediate fiberglass reinforcement
  - ~ Eliminates braid fraying, flowering and shrink back
  - ~ Virtually eliminates dermatitis
  - ~ Significantly reduces airborne fiberglass contaminants traditionally found in high volume processing
  - ~ Superior flexibility
  - ~ Color stable at elevated temperatures
  - ~ Low smoke generation
  - ~ Suitable for varnish dip and bake applications
- Silicone formulations suitable for UV, ozone or moisture exposure
- Not suited for liquid immersed applications
- Suitable for applications down to -60°C

UL VW-I flame rating (consult factory)

150°C version with flexible stranded conductor (UL Style 3771) is available. (consult factory)



Radix™

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# SPECIFICATIONS

# DuraBlend® 200 HIGH-TEMPERATURE LEAD WIRE

## DuraBlend® 200C/300V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
NNA22P007	22	7	0.066	1.68	3.91	5.82	3586	AWM A/B FT I
NNA20P007	20	7	0.073	1.85	5.13	7.63	3586	AWM A/B FT I
NNA18T007	18	7	0.082	2.08	7.21	10.73	3586	AWM A/B FT I
NNA16T007	16	7	0.094	2.39	10.50	15.63	3586	AWM A/B FT I

## DuraBlend® 200C/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
NPA22P007	22	7	0.080	2.04	4.75	7.07	3772	AWM I A/B FT I
NPA20P007	20	7	0.087	2.20	6.04	8.99	3772	AWM I A/B FT I
NPA18T007	18	7	0.096	2.44	8.23	12.25	3772	AWM I A/B FT I
NPA16T007	16	7	0.108	2.74	11.67	17.37	3772	AWM I A/B FT I
NPA14T007	14	7	0.123	3.12	17.04	25.36	3772	AWM I A/B FT I
NPA12T019	12	19	0.140	3.56	25.23	37.55	3772	AWM I A/B FT I
NPA10T019	10	19	0.164	4.17	38.15	56.78	3772	AWM I A/B FT I

## DuraBlend® 200C/600/1000V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
NQA08T061	8	61	0.212	5.38	63.44	94.42	3772/3788	AWM I A/B FT I
NQA06T084	6	84	0.313	7.94	105.81	157.47	3772/3788	AWM I A/B FT I
NQA04T133	4	133	0.356	9.04	158.22	235.47	3772/3788	AWM I A/B FT I
NQA02T259	2	259	0.427	10.85	243.27	362.04	3772/3788	AWM I A/B FT I
NQA01T259	1	259	0.499	12.67	315.90	470.13	3772/3788	AWM I A/B FT I
NQAX1T259	1/0	259	0.564	14.33	393.49	585.60	3772/3788	AWM I A/B FT I
NQAX2T259	2/0	259	0.604	15.34	485.09	721.93	3772/3788	AWM I A/B FT I
NQAX3T259	3/0	259	0.652	16.56	600.37	893.50	3772/3788	AWM I A/B FT I
NQAX4T259	4/0	259	0.714	18.14	746.07	1110.32	3772/3788	AWM I A/B FT I

## DuraBlend® 200C/1000V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
NQA18T007	18	7	0.102	2.59	8.74	13.01	3788	AWM I A/B FT I
NQA16T007	16	7	0.114	2.90	12.25	18.23	3788	AWM I A/B FT I
NQA14T007	14	7	0.129	3.28	17.69	26.33	3788	AWM I A/B FT I
NQA12T019	12	19	0.146	3.71	25.98	38.66	3788	AWM I A/B FT I
NQA10T019	10	19	0.170	4.32	39.02	58.08	3788	AWM I A/B FT I

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 • 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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