

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

DuraBlend® 200  
HIGH-TEMPERATURE LEAD WIRE

## RATINGS / APPROVALS

200°C – 300 Volts - UL Style 3919/3586 / CSA AWM I A/B FT2

200°C – 600 Volts - UL Style 3772 / CSA AWM I A/B FT2

200°C – 1000 Volts - UL Style 3788 / CSA AWM I A/B FT2

## 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

Separator tape between conductor and silicone on sizes 10awg to 4/0 on UL Style 3788 only. (Not shown in illustration)

Composite Extruded Silicone Rubber with intermediate fiberglass reinforcement

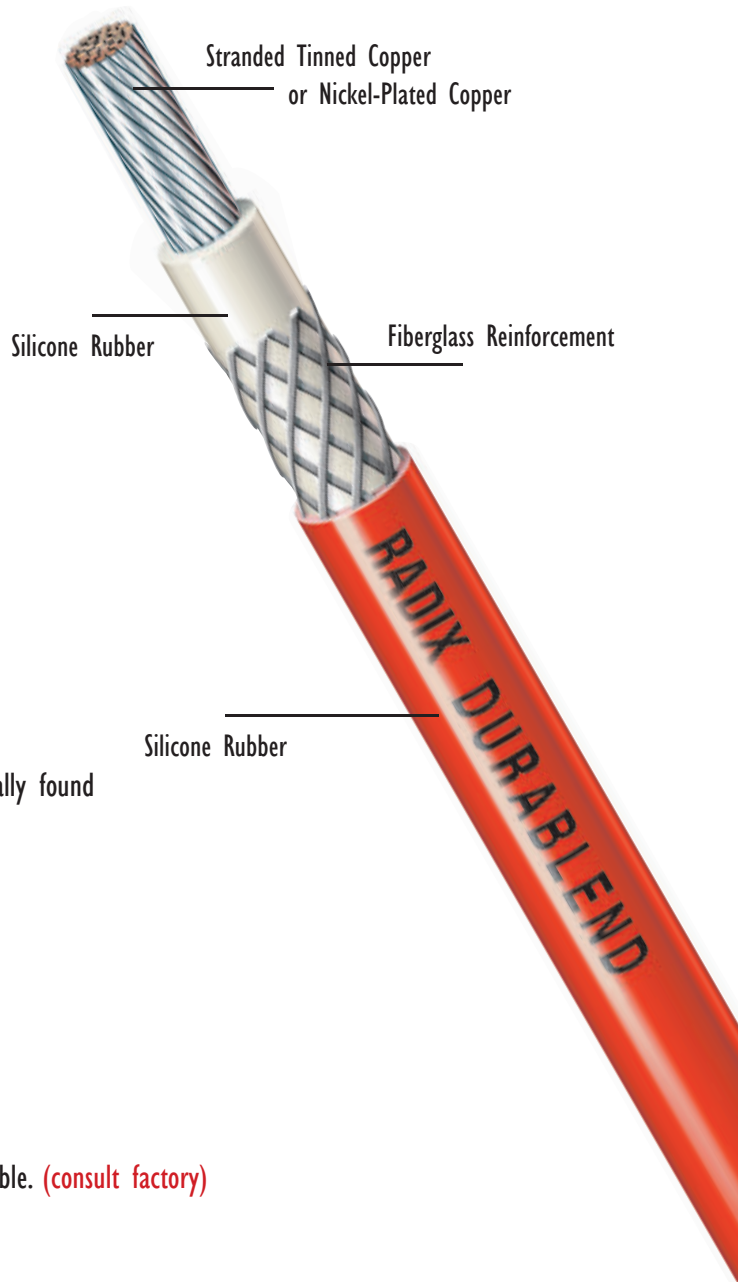
### Standard Color Coding

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
  - ~ LSZH - Low Smoke Zero Halogen
- 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

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



Radix™

# 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	3919	AWM I A/B FT2
NNA20P007	20	7	0.073	1.85	5.13	7.63	3919	AWM I A/B FT2
NNA18T007	18	7	0.082	2.08	7.21	10.73	3919	AWM I A/B FT2
NNA16T007	16	7	0.094	2.39	10.50	15.63	3919	AWM I A/B FT2

## 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 FT2
NPA20P007	20	7	0.087	2.20	6.04	8.99	3772	AWM I A/B FT2
NPA18T007	18	7	0.096	2.44	8.23	12.25	3772	AWM I A/B FT2
NPA16T007	16	7	0.108	2.74	11.67	17.37	3772	AWM I A/B FT2
NPA14T007	14	7	0.123	3.12	17.04	25.36	3772	AWM I A/B FT2
NPA12T019	12	19	0.140	3.56	25.23	37.55	3772	AWM I A/B FT2
NPA10T019	10	19	0.164	4.17	38.15	56.78	3772	AWM I A/B FT2

## 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 FT2
NQA06T084	6	84	0.313	7.94	105.81	157.47	3772/3788	AWM I A/B FT2
NQA04T133	4	133	0.356	9.04	158.22	235.47	3772/3788	AWM I A/B FT2
NQA02T259	2	259	0.427	10.85	243.27	362.04	3772/3788	AWM I A/B FT2
NQA01T259	1	259	0.499	12.67	315.90	470.13	3772/3788	AWM I A/B FT2
NQAX1T259	1/0	259	0.544	13.82	371.06	552.20	3772/3788	AWM I A/B FT2
NQAX2T259	2/0	259	0.590	14.99	458.20	681.88	3772/3788	AWM I A/B FT2
NQAX3T259	3/0	259	0.639	16.23	567.04	843.85	3772/3788	AWM I A/B FT2
NQAX4T259	4/0	259	0.699	17.75	704.20	1047.97	3772/3788	AWM I A/B FT2

## 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 FT2
NQA16T007	16	7	0.114	2.90	12.25	18.23	3788	AWM I A/B FT2
NQA14T007	14	7	0.129	3.28	17.69	26.33	3788	AWM I A/B FT2
NQA12T019	12	19	0.146	3.71	25.98	38.66	3788	AWM I A/B FT2
NQA10T019	10	19	0.170	4.32	39.02	58.08	3788	AWM I A/B FT2

Standard conductor: Tinned Copper (Standard conductor for 20-22 AWG ONLY: 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.



**Radix Wire**  
 26000 Lakeland Boulevard • Cleveland, OH 44132  
 Tel: 216 731-9191 • Fax: 216 731-7082  
[www.radix-wire.com](http://www.radix-wire.com)