

## RATINGS / APPROVALS

450°C – 300 Volts - UL 5360 / CSA AWM I A/B FTI

450°C – 600 Volts - UL 5359 / CSA AWM I A/B FTI

## CONSTRUCTION

### Conductors

24 AWG – 6 AWG (300 Volts)

24 AWG – 2 AWG (600 Volts)

Stranded nickel-coated copper - 27%

(Other conductor materials available)

### Insulating System

Mica Tape

### Outer Covering

Fiberglass braid with high temperature finish

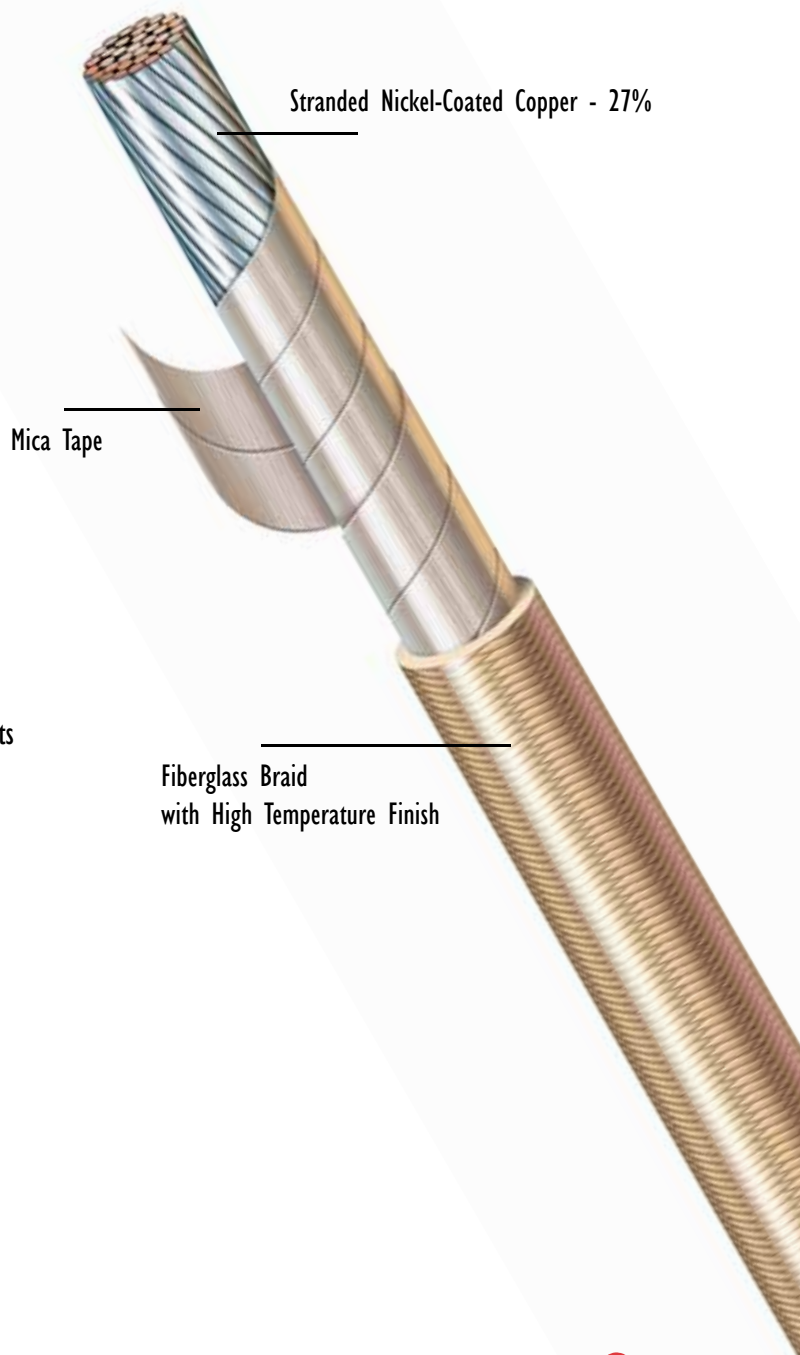
### Standard Color Coding

Natural and Solid Colors

Colored Tracers

## CHARACTERISTICS

- Smaller Diameter as compared to other UL 450°C listed products
- Resists braid fray and push back.
- Withstands mechanical abuse.



**Radix™**

Radix Wire Company

26000 Lakeland Boulevard • Cleveland, OH 44132

Tel: 216 731-9191 • Fax: 216 731-7082

[www.radix-wire.com](http://www.radix-wire.com)

# SPECIFICATIONS

# MGT 450 Thin Wall HIGH-TEMPERATURE LEAD WIRE

## MGT Thin Wall 450C/300V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
BAT24C007	24	7	0.067	1.70	3.78	5.63	5360	AWM I A/B FT I
BAT22C007	22	7	0.076	1.93	5.13	7.64	5360	AWM I A/B FT I
BAT20C010	20	10	0.080	2.03	6.27	9.33	5360	AWM I A/B FT I
BAT18C016	18	16	0.088	2.23	8.38	12.47	5360	AWM I A/B FT I
BAT16C026	16	26	0.099	2.51	11.99	17.84	5360	AWM I A/B FT I
BAT14C041	14	41	0.113	2.87	17.86	25.83	5360	AWM I A/B FT I
BAT12C065	12	65	0.131	3.33	26.69	39.72	5360	AWM I A/B FT I
BAT10C105	10	105	0.164	4.16	42.19	62.79	5360	AWM I A/B FT I

## MGT Thin Wall 450C/600V

Part No.	Awg. size	# strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
BBT22C007	22	7	0.084	2.13	6.06	9.03	5359	AWM I A/B FT I
BBT20C010	20	10	0.090	2.29	7.23	10.77	5359	AWM I A/B FT I
BBT18C016	18	16	0.097	2.46	9.53	14.20	5359	AWM I A/B FT I
BBT16C026	16	26	0.107	2.72	13.81	20.58	5359	AWM I A/B FT I
BBT14C041	14	41	0.121	3.07	18.19	27.10	5359	AWM I A/B FT I
BBT12C065	12	65	0.141	3.58	27.60	41.12	5359	AWM I A/B FT I
BBT10C105	10	105	0.190	4.83	48.54	72.32	5359	AWM I A/B FT I
BBT08C133	8	133	0.240	6.10	72.53	108.07	5359	AWM I A/B FT I
BBT06C133	6	133	0.281	7.14	105.82	157.67	5359	AWM I A/B FT I

Standard conductor: Nickel Coated Copper - 27%  
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 Company, Inc. is not responsible for any claim traceable to such error.



**Radix Wire Company**  
26000 Lakeland Boulevard • Cleveland, OH 44132  
Tel: 216 731-9191 • Fax: 216 731-7082  
www.radix-wire.com