

450C/300V and 450C/600V

# MGT 450 Thin Wall

## HIGH-TEMPERATURE LEAD WIRE

### 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

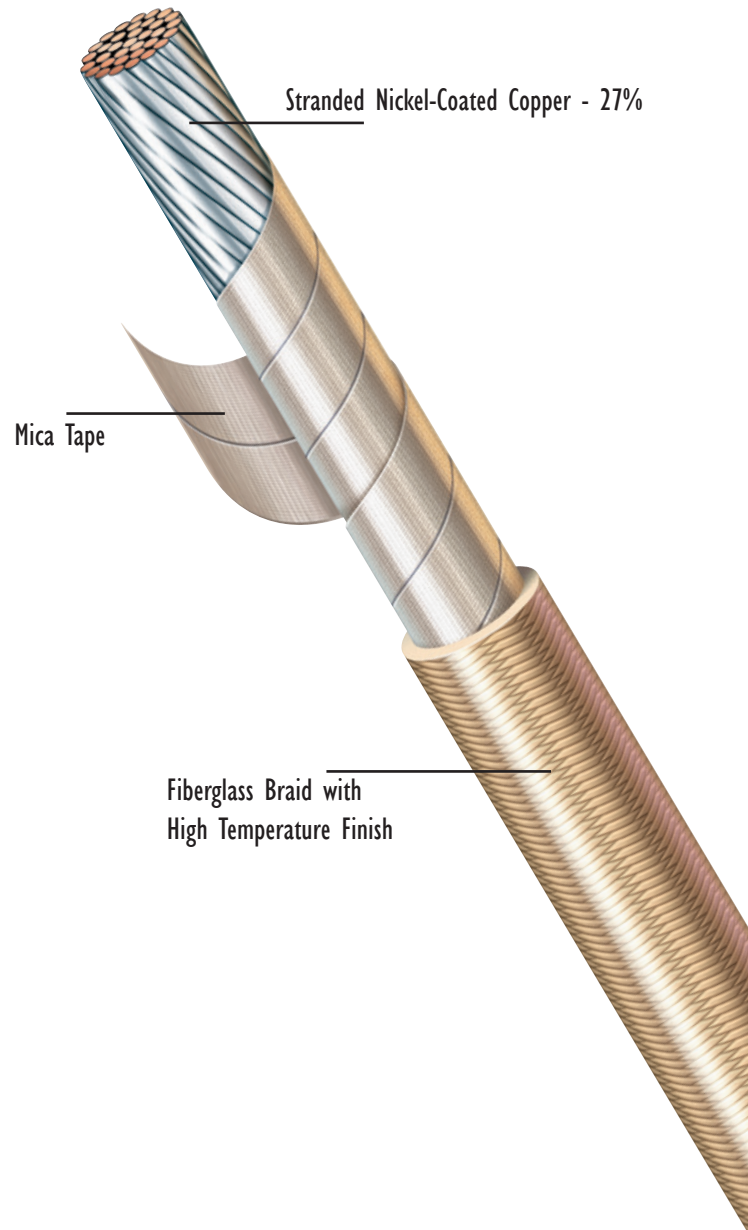
#### Standard Color Coding

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



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# 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/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA
BAT24C007	24	7	0.067	1.70	4	5.71	0.54	5360	AWM I A/B FT I
BAT22C007	22	7	0.076	1.93	5	7.74	0.61	5360	AWM I A/B FT I
BAT20C010	20	10	0.080	2.03	6	9.44	0.64	5360	AWM I A/B FT I
BAT18C016	18	16	0.088	2.24	9	12.65	0.70	5360	AWM I A/B FT I
BAT16C026	16	26	0.099	2.51	12	18.04	0.79	5360	AWM I A/B FT I
BAT14C041	14	41	0.112	2.84	18	26.49	0.90	5360	AWM I A/B FT I
BAT12C065	12	65	0.129	3.28	27	39.62	1.03	5360	AWM I A/B FT I
BAT10C105	10	105	0.162	4.11	42	62.64	1.30	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/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA
BBT22C007	22	7	0.085	2.16	6	8.65	0.68	5359	AWM I A/B FT I
BBT20C010	20	10	0.090	2.29	7	10.33	0.72	5359	AWM I A/B FT I
BBT18C016	18	16	0.093	2.36	9	13.84	0.74	5359	AWM I A/B FT I
BBT16C026	16	26	0.110	2.79	14	20.20	0.88	5359	AWM I A/B FT I
BBT14C041	14	41	0.119	3.02	19	27.65	0.95	5359	AWM I A/B FT I
BBT12C065	12	65	0.141	3.58	28	41.70	1.13	5359	AWM I A/B FT I
BBT10C105	10	105	0.190	4.83	46	69.14	1.52	5359	AWM I A/B FT I
BBT08C133	8	133	0.250	6.35	71	105.26	2.00	5359	AWM I A/B FT I
BBT06C133	6	133	0.281	7.14	114	105.82	2.25	5359	AWM I A/B FT I

Standard conductor: Nickel Coated Copper - 27%  
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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