

450C/600V and 538C/600V

TEMPERGARD 2000

HIGH-TEMPERATURE LEAD WIRE

RATINGS / APPROVALS

450°C - 600 Volts - Continuous temperature rating under normal service conditions

450°C - 600 Volts - Temporary temperature rating for short periods

Maintains circuit integrity 2.5 hrs under ICEA T-29-520

210,000 BTU/hr Vertical Cable Tray Flame Test

RoHS Compliant

CONSTRUCTION

Conductors

18 AWG - 2 AWG

Stranded nickel-coated copper - 27%
(Other conductor materials available)

Insulating System

Reinforced mica glass tape

Fiberglass braid with high temperature finish

Fire barrier tape wraps

PTFE moisture and fluid barrier

Outer Covering

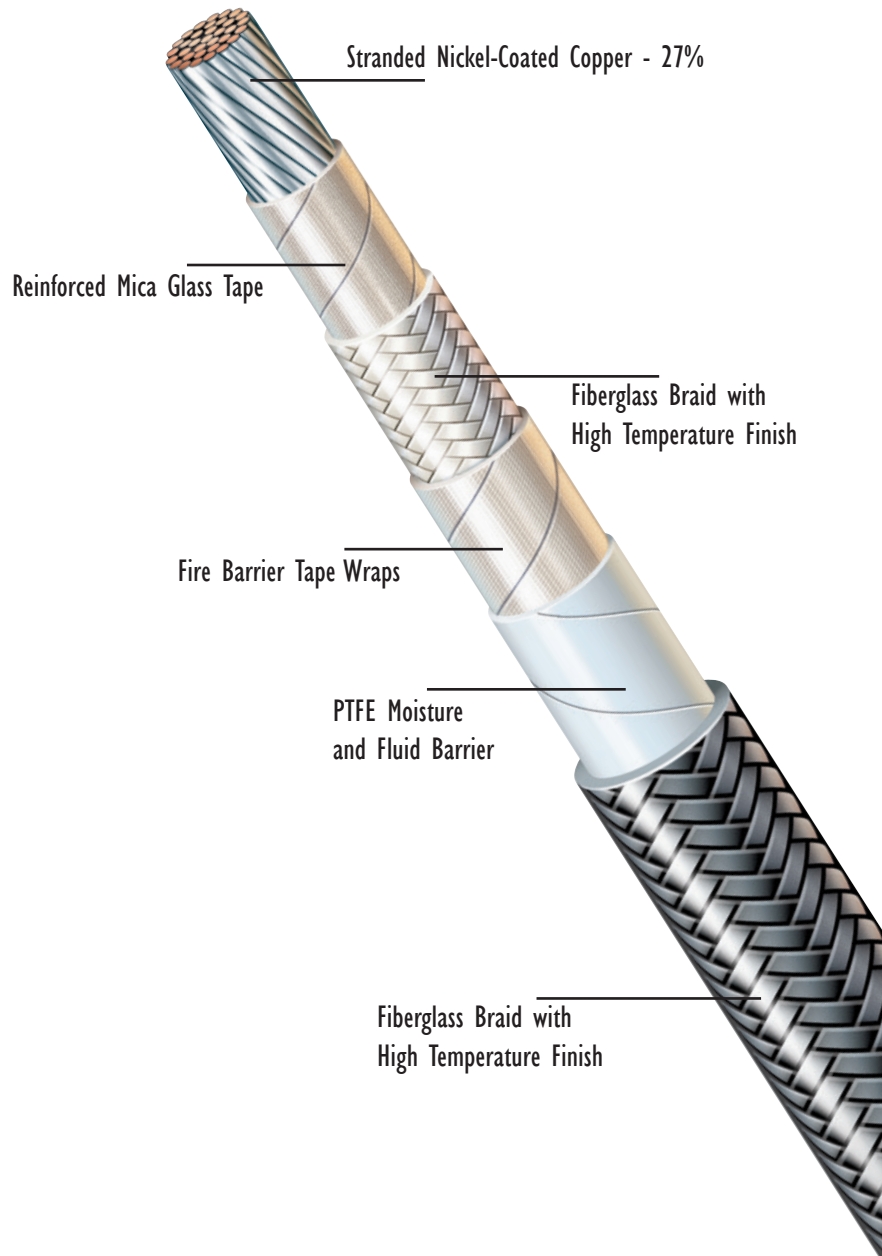
Braided fiberglass with high temperature finish

Standard Color Coding

Black or Natural

CHARACTERISTICS

- Moisture, oil, fluid, and abrasion resistant
- Composed of flame-impervious inorganic materials
- Withstands mechanical abuse
- Not recommended for outdoor use



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EST. 1944

SPECIFICATIONS

TEMPERGARD 2000 HIGH-TEMPERATURE LEAD WIRE

TEMPERGARD 2000 450C(538C)/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt. (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA
BKT18C016	18	16	0.167	4.24	11	18.61	1.34	N/A	N/A
BKT16C026	16	26	0.179	4.55	15	23.43	1.43	N/A	N/A
BKT14C041	14	41	0.189	4.80	22	31.43	1.51	N/A	N/A
BKT12C065	12	65	0.213	5.41	31	40.14	1.70	N/A	N/A
BKT10C105	10	105	0.266	6.76	83	66.91	2.13	N/A	N/A
BKT08C133	8	133	0.316	8.03	79	95.19	2.53	N/A	N/A
BKT06C133	6	133	0.357	9.07	113	133.62	2.86	N/A	N/A
BKT04C133	4	133	0.408	10.36	167	183.51	3.26	N/A	N/A
BKT02C133	2	133	0.482	12.24	259	279.70	3.86	N/A	N/A

Standard conductor: Nickel Coated Copper - 27%
Consult factory for alternative conductor and stranding options.

All dimensions listed above are nominal
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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