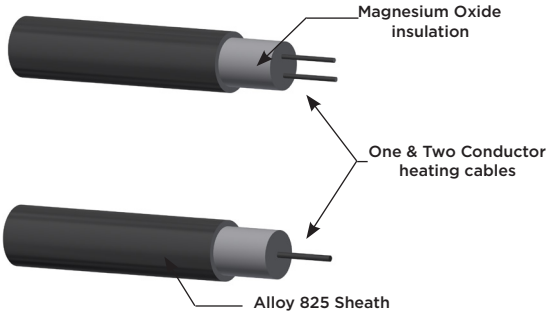
TYPE MIHT K & B INCOLOY SHEATH HEATING CABLE

QMark Mineral Insulated type K & B heating cable is ideal for a wide range of industrial and commercial heating applications. It has resistive heating conductors embedded in highly compressed magnesium oxide insulation and covered with a stainless Alloy 825 sheath. The sheath is fully annealed and is easily hand formable. The low resistance metallic sheath is an ideal ground path. MI heating cable is totally inorganic and will not deteriorate with age. All heating units are factory fabricated to a specified length and rigorously tested to IEEE standards.

APPLICATIONS

- Process Pipe Heating
- Freeze Protection
- Snow Melting
- Frost Heave Protection
- Tank & Vessel Heating
- Up to 1100°F Exposure Temps.



TYPE MIHT HEATING CABLE SPECIFICATIONS

Table 1

300 Volt, 2 Conductor 3/16" OD .07 lbs/ft		
Size	Ohms/ft	Max Exp Temp °F
K556	.043*	600
K658	.058*	
K674	.074*	
K693	.093*	
K712	.117*	
K715	.147*	
K721	.213*	
K732	.319	1100
K742	.416	
K752	.520	
K766	.660	
K774	.740	
K810	1.00	
K813	1.30	
K818	1.80	
K824	2.34	
K830	2.96	
K838	3.70	
K846	4.72	
K860	5.60	
K866	6.60	
K894	9.00	
K919	18.00	

600 Volt, 2 Conductor 5/16" OD .22 lbs/ft		
Size	Ohms/ft	Max Exp Temp °F
B588	.0071*	600
B614	.0149*	
B627	.027*	
B640	.040*	
B670	.065	1100
B710	.104	
B715	.162	
B720	.205	
B732	.325	
B750	.500	
B774	.735	
B810	1.162	
B819	1.87	
B830	2.97	
B840	4.30	
B859	5.98	

600 Volt, 1 Conductor 3/16" OD .07 lbs/ft		
Size	Ohms/ft	Max Exp Temp °F
K145	.0046*	600
K189	.0090*	
K216	.0165*	
K239	.039	1100
K250	.050	
K279	.079	
K310	.095	
K316	.157	
K326	.260	
K333	.330	
K346	.457	
K372	.730	
K412	1.17	
K415	1.48	
K423	2.36	
K430	2.80	
K447	4.50	

Note: All values @ 68° F
* Resistance curves apply, consult factory for design

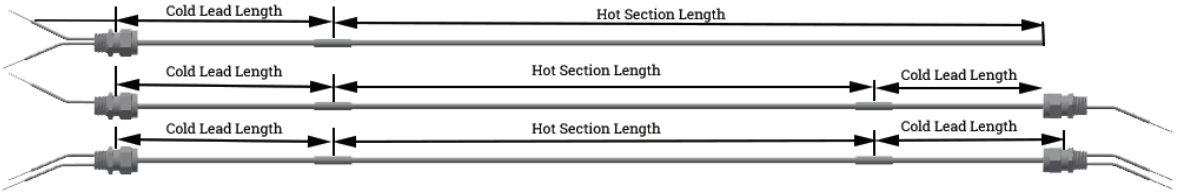
HEATER FORMS

Table 2

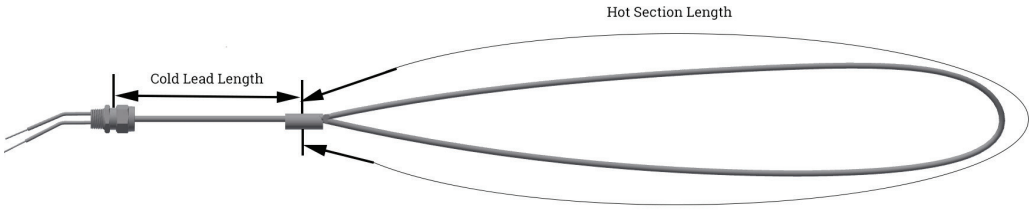
Form A
Two Conductor

Form B
One Conductor

Form B
Two Conductor



Form C
One Conductor



SPECIAL FEATURES

Table 3

Option	Description
-C1	1 /2" reversed gland on hot to cold joint.
-C2	3/4" reversed gland on hot to cold joint.
-E	Puller eye end cap.
-P	P.V.C.jacketed cold section
-Q	High temperature adapter
-R	Heater on non-returnable reel
-U	Listed NEMA 7 termination fitting
-X	Other, specify

HEATER CATALOG NUMBER SYSTEM

MIHT - K732 - AN - 100 - 07 - Q

- Special Features (Table 3)
- Cold section length (ft)
- Hot section length (ft)
- Heater unit form (Table 2)
- Heater unit hot section size (Table 1)