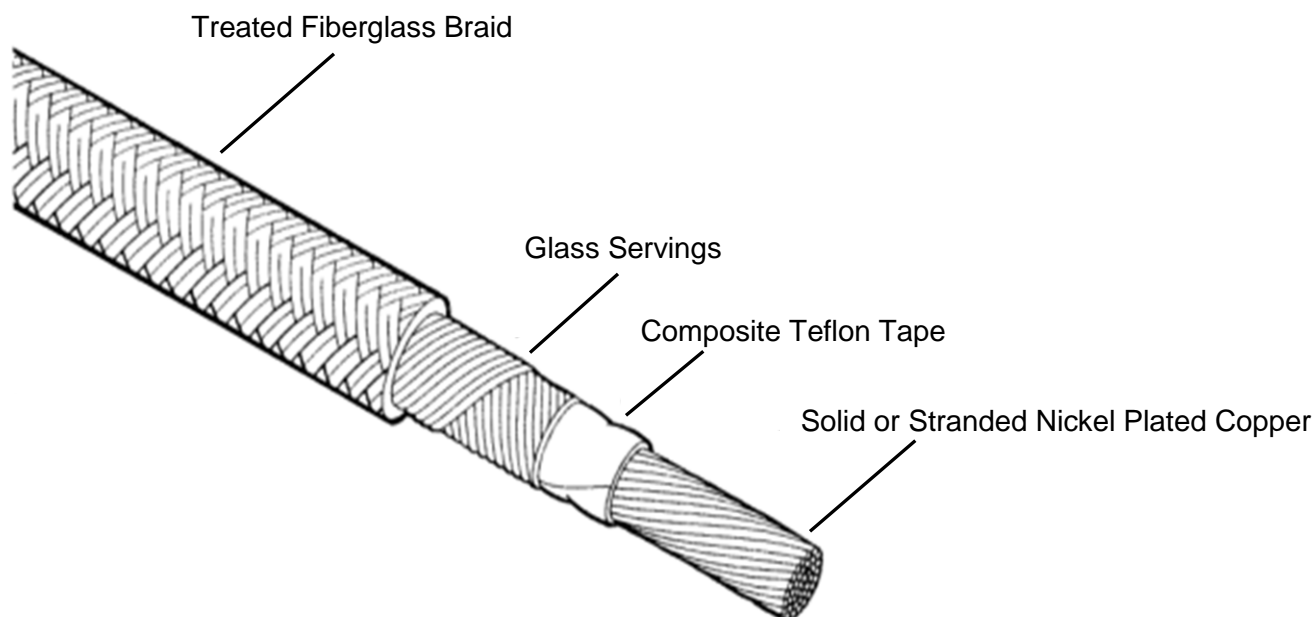


High temperatures lead wire or Heating Cable where abrasion, durability and corrosion resistance are required. UL listed and CSA certified.



WHAT IT IS

MGT is a specially constructed high temperature lead wire especially suited for furnaces, ovens, kilns, heaters and other high temperature applications. It is also suitable for use as a high temperature resistance heating cable.

ADVANTAGES

1. All components 450°C rated in continuous service.
2. Provides critical high temperature performance.
3. Gives excellent resistance to abrasion and mechanical abuse.
4. Superior corrosion resistance.

OPERATING CHARACTERISTICS

PHYSICAL PROPERTIES

Temperature Rating: 450°C

Voltage Rating: 600 Volts

APPROVALS

UL Listed:

22 - 4/0 AWG (Style 5107)

CSA Certified:

22 - 8 AWG

CONSTRUCTION SPECIFICATIONS

Conductors: solid or stranded nickel clad copper or resistance wire

Insulation: composite mica-glass tape

Covering: treated fiberglass braid

Physical Characteristics - MGT – UL/CSA 600V

AWG	Stranding	Norn. Conductor Dia		Total Thickness All Coverings		Norn. Finished OD		Approx Wt.	
		Inches	MM	Inches	MM	Inches	MM	Lbs /1000 Ft	Kg /Km
22	7 x .0100	.030	0.76	.036	0.91	.102	2.59	7.0	10.4
20	7 x .0126	.038	0.96	.036	0.91	.110	2.79	8.5	12.7
18	16 x .0100	.045	1.21	.036	0.91	.117	3.05	12.0	17.9
16	26 x .0100	.060	1.52	.036	0.91	.131	3.33	15.0	22.3
14	41 x .0100	.069	1.75	.036	0.91	.142	3.61	21.0	31.3
12	65 x .0100	.091	2.31	.036	0.91	.163	4.14	30.0	44.7
10	105 x .0100	.130	3.30	.049	1.24	.226	5.74	51.0	75.9
8	168 x .0100	.174	4.42	.049	1.24	.266	6.76	75.0	112.0
6	133 x .0142	.210	5.33	.049	1.24	.308	7.82	109.0	162.0
4	133 x .0179	.266	6.76	.049	1.24	.364	9.25	181.0	269.0
2	259 x .0159	.336	8.53	.060	1.52	.456	11.6	248.0	369.0
1	259 x .0179	.378	9.60	.060	1.52	.498	12.7	310.0	461.0
1/0	259 x .0201	.424	10.8	.060	1.52	.544	13.8	385.0	573.0
2/0	259 x .0226	.477	12.1	.060	1.52	.597	15.2	474.0	706.0
3/0	259 x .0253	.536	13.6	.060	1.52	.656	16.7	595.0	886.0
4/0	259 x .0285	.601	15.3	.060	1.52	.721	18.3	736.0	1,096.0

Custom Cables: The cables in this table represent our standard product line. If you require special modifications or unique customizations, SCC engineers along with our extensive testing facilities can create and produce special cables for the most demanding applications.