



MGT 450°C/538°C 600V Apparatus & Motor Lead Wire

Part Number	Size AWG	No. of Strands	Glass/Mica Tape (inches)	Glass Braid (inches)	Overall Diameter (inches)	Net. Weight lbs./mft.
MGT-20	20	10	0.025	0.007	0.110	8
MGT-18	18	16	0.025	0.007	0.120	12
MGT-16	16	26	0.025	0.007	0.130	16
MGT-14	14	41	0.025	0.007	0.150	22
MGT-12	12	65	0.025	0.007	0.170	31
MGT-10	10	105	0.030	0.015	0.220	53
MGT-8	8	133	0.030	0.015	0.260	76
MGT-6	6	133	0.030	0.015	0.310	111
MGT-4	4	133	0.030	0.015	0.360	166
MGT-2	2	133	0.035	0.020	0.450	260
MGT-1	1	259	0.035	0.020	0.490	325
MGT-1/0	1/0	259	0.035	0.020	0.540	400
MGT-2/0	2/0	259	0.035	0.020	0.600	490
MGT-3/0	3/0	259	0.035	0.020	0.660	623
MGT-4/0	4/0	259	0.035	0.020	0.720	760

All values are nominal and subject to correction

Application: MGT Apparatus & Motor Lead Wire is for use in internal wiring of domestic, commercial and industrial heating; kilns; cooking equipment and control and power circuits, when high temperatures and abrasive environments are present. MGT is suitable for use in applications up to 450°C per UL/538°C non-UL and 600 volts.

Conductors: MGT Apparatus & Motor Lead Wire has a flexible strand soft drawn 27% nickel coated copper conductors per ASTM B355, B8, B173 and B174.

Insulation: MGT Apparatus & Motor Lead Wire has two fiberglass reinforced mica tapes.

Jacket: MGT Apparatus & Motor Lead Wire has an overall jacket of braided fiberglass impregnated with moisture, heat and flame resistant compound.

Standards:
 VW-1 flame Test
 UL 5128 450°C 300V
 UL 5107 450°C 600V
 CSA AWM Class 1 group A/B

1-800-945-5542

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