



# MGT – (Mica tape Glass Teflon)

## High Temperature Wire

### Description

Sycor's MGT high-temperature wire is flexible and has a high resistance to flame, heat and abrasion. MGT is a strong solution for extreme temperature cabling needs because of its consistent strength and high level of flexibility. The MGT wire is constructed with a fiberglass braid and impregnated with Teflon, which adds additional versatility.

### Construction

Stranded nickel plated copper conductor  
Insulation: glass reinforced mica tape  
Overall braided fiberglass jacket treated with saturant

### Voltage Rating

UL5128: 300 Volts  
UL5107: 600 Volts

### Application

Sycor's MGT high-temperature wires may be used for applications where consistent extreme temperatures are essential such as iron mills, steel mills, glass plants and cement kilns. The MGT high-temperature wire also is protected from mechanical damage during handling, installation and servicing.

### Temperature Rating

450°C

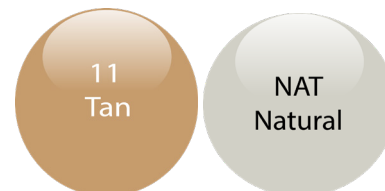
### Approvals

CSA AWM I A/B FT1  
UL 5128, UL5107 VW-1  
NEMA WC 73-2000



Sycor Part No	AWG Size	No of Strands	NOM O.D	Weight (Lbs/Mft)
450°C/ 300V				
A1M3V2407	24	7	0.072"	4
A1M3V2207	22	7	0.082"	6
A1M3V2010	20	10	0.087"	7
A1M3V1816	18	16	0.095"	9
A1M3V1626	16	26	0.107"	13
A1M3V1441	14	41	0.121"	19
A1M3V1265	12	65	0.141"	27
A1M3V10105	10	105	0.189"	46
450°C/ 600V				
A1M2207	22	7	0.100"	8
A1M2010	20	10	0.104"	9
A1M1816	18	16	0.110"	11
A1M1626	16	26	0.126"	15
A1M1441	14	41	0.139"	22
A1M1265	12	65	0.157"	31
A1M10105	10	105	0.208"	79
A1M08133	8	133	0.262"	83
A1M06133	6	133	0.313"	113
A1M04133	4	133	0.368"	167
A1M02133	2	259	0.446"	259
A1M1/0259	1/0	259	0.533"	392
A1M2/0259	2/0	259	0.586"	488
A1M3/0259	3/0	259	0.643"	605
A1M4/0259	4/0	259	0.707"	750

### Color Codes



\*Additional colors and striped combinations available upon request.

### Value Added Services



Re-Spooling

Sycor Technology Inc., 1-2220 Argentia Road, Mississauga ON L5N 2K7

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