

# HIGH TEMPERATURE

MG

**High Temperature Lead Wire**  
**Features Clean Stripping Insulation**  
**600 Volts, 450° C, #20 AWG - 500 MCM**



**DESCRIPTION**

**Conductor**

Flexible stranded 27% nickel plated, annealed copper.

**Sizes**

#20 AWG - 500 MCM.

**Insulation**

Glass reinforced phlogopite mica tapes. A fiberglass braid jacket is applied over the insulation, then treated with a high-temp saturant. Natural color is tan. Other colors available on request.

**APPLICATIONS**

Used for internal wiring of domestic and commercial ovens as well as cooking appliances. Also ideal for use in electric heaters and for equipment wiring in iron mills, steel mills, glass plants and cement kilns.

**APPROVALS**

UL Style as listed. CSA AWM Class I - Group A/B.

PART NUMBER	AWG	STRANDING	INSULATION THICK.	BRAID THICK.	NOMINAL O.D.	WEIGHT LBS/K FT	UL STYLE	TEMP RATING
08-0519	20	10/.0100	0.025	.007	0.105	10	5107	450°C
08-0521	18	16/.0100	0.025	.007	0.115	12	5107	450°C
08-0523	16	26/.0100	0.025	.007	0.125	16	5107	450°C
08-0525	14	41/.0100	0.025	.007	0.140	23	5107	450°C
08-0527	12	65/.0100	0.025	.007	0.160	31	5107	450°C
08-0529	10	105/.0100	0.030	.017	0.210	52	5107	450°C
08-0531	8	133/.0111	0.030	.017	0.265	78	5107	450°C
08-0533	6	133/.0142	0.030	.017	0.310	115	5107	450°C
08-0535	4	133/.0177	0.030	.017	0.365	175	5107	450°C
08-0537	2	133/.0223	0.035	.020	0.450	260	5107	450°C
08-0539	1	259/.0177	0.035	.020	0.490	320	5107	450°C
08-0541	1/0	259/.0202	0.035	.020	0.535	400	5107	450°C
08-0543	2/0	259/.0229	0.035	.020	0.590	505	5107	450°C
08-0545	3/0	259/.0255	0.035	.020	0.650	620	5107	450°C
08-0547	4/0	259/.0286	0.035	.020	0.710	760	5107	450°C
08-0549	250 MCM	427/.0255	0.040	.020	0.775	915	5107	450°C
08-0551	350 MCM	427/.0286	0.040	.020	0.890	1250	5107	450°C
08-0553	500 MCM	427/.0342	0.040	.020	1.045	1770	5107	450°C

> Information on this sheet is subject to change without notice. All diameters are nominal values. All diameters and weights are subject to normal manufacturing tolerances.