

## High Temperature Wire

### MGT 600V 450°C

**Conductor:** Nickel Coated Copper  
**Insulation:** Glass Reinforced mica tapes, Braided Glass yarn impregnated with Flame, Heat and Moisture Resistant Teflon® Finish.  
**Temperature Rating:** 450C CSA / UL.  
**Operating Voltage:** 600 Volts  
**Applications:** MGT is designed for use in wiring ovens or other high temperature equipment where temperature requirements do not exceed 450C.  
**Approvals:** UL Style 5107  
 CSA I A/B



TEVELEC NUMBER	AWG Size	Stranding	Nominal Insulation	Nominal O.D.	AMPACITY <sup>2</sup>	Weight Lbs/1000'
T1831	22	7	.032	.098	12	8
T1832	20	10	.032	.104	18	9
T1833	18	16	.032	.114	23	11
T1834	16	26	.032	.127	30	15
T1835	14	41	.032	.140	45	21
T1836	12	65	.032	.163	56	30
T1837	10	105	.045	.214	75	51
T1838	8	133	.045	.261	104	75
T1839	6	133	.045	.304	138	111
T1840	4	133	.045	.360	162	166
T1841	2	133	.055	.449	210	261
T1842	1	259	.055	.492	236	324
T1843	1/0	259	.055	.538	268	399
T1844	2/0	259	.055	.591	300	494
T1845	3/0	259	.055	.650	338	613
T1846	4/0	259	.055	.715	397	769

<sup>2</sup> Based on one conductor in free air, 40°C ambient temperature.