



## High Temperature Lead Wire

### High Temperature Type MG (550°C), Type MG (450°C) and Type TGGT (250°C) Lead Wire



All of Tempco's High Temperature Lead Wires are designed for:

- > Internal wiring for commercial and industrial heating products
- > Heaters
  - > Heat treating furnaces and kilns
  - > Commercial food service equipment
  - > Oven Wiring



#### Stock Lead Wire

Type MG – 600 Volt, 550°C (1022°F), UL 5400

Insulation Type – Mica/Glass (MG) Composite  
 Conductor Material – Nickel Clad Copper (NCC)  
 (27% Nickel by weight)

Wire Gauge	Nominal OD (in)	Stranding Num./Ga.	Maximum Amps @40°C	Feet per Spool	Part Number	Feet per Spool	Part Number	Feet per Spool	Part Number	Feet per Spool	Part Number
18	0.124	16/30	23	100	LDWR-1163	250	LDWR-1168	500	LDWR-1173	1000	LDWR-1178
16	0.138	26/30	30	100	LDWR-1164	250	LDWR-1169	500	LDWR-1174	1000	LDWR-1179
14	0.158	41/30	45	100	LDWR-1165	250	LDWR-1170	500	LDWR-1175	1000	LDWR-1180
12	0.182	65/30	56	100	LDWR-1166	250	LDWR-1171	500	LDWR-1176	1000	LDWR-1181
10	0.212	105/30	75	100	LDWR-1167	250	LDWR-1172	500	LDWR-1177	1000	LDWR-1182

#### Stock Lead Wire

Type MG – 600 Volt, 450°C (842°F), UL 5335/5107

Insulation Type – Mica/Glass (MG) Composite  
 Conductor Material – Nickel Clad Copper (NCC)  
 (27% Nickel by weight)



Wire Gauge	Nominal OD (in)	Stranding Num./Ga.	Maximum Amps @40°C	Feet per Spool	Part Number	Feet per Spool	Part Number	Feet per Spool	Part Number	Feet per Spool	Part Number
18	0.115	16/30	23	100	LDWR-1088	250	LDWR-1098	500	LDWR-1142	1000	LDWR-1152
16	0.134	26/30	30	100	LDWR-1089	250	LDWR-1099	500	LDWR-1143	1000	LDWR-1153
14	0.143	41/30	45	100	LDWR-1090	250	LDWR-1100	500	LDWR-1144	1000	LDWR-1154
12	0.166	65/30	56	100	LDWR-1091	250	LDWR-1101	500	LDWR-1145	1000	LDWR-1155
10	0.203	105/30	75	100	LDWR-1092	250	LDWR-1102	500	LDWR-1146	1000	LDWR-1156

#### Stock Lead Wire

Type TGGT – 600 Volt, 250°C (482°F), UL 5256

Insulation Type – Teflon®/Glass/Glass/Teflon® (TGGT)  
 Conductor Material – Nickel Plated Copper (NPC)  
 (2% Nickel by weight)



Wire Gauge	Nominal OD (in)	Stranding Num./Ga.	Maximum Amps @40°C	Feet per Spool	Part Number	Feet per Spool	Part Number	Feet per Spool	Part Number	Feet per Spool	Part Number
18	0.094	19/30	20	100	LDWR-1093	250	LDWR-1103	500	LDWR-1147	1000	LDWR-1157
16	0.103	26/30	26	100	LDWR-1094	250	LDWR-1104	500	LDWR-1148	1000	LDWR-1158
14	0.118	41/30	39	100	LDWR-1095	250	LDWR-1105	500	LDWR-1149	1000	LDWR-1159
12	0.136	65/30	54	100	LDWR-1096	250	LDWR-1106	500	LDWR-1150	1000	LDWR-1160
10	0.174	105/30	73	100	LDWR-1097	250	LDWR-1107	500	LDWR-1151	1000	LDWR-1161