

APPLIANCE, UL FIXTURE & MOTOR LEAD WIRE

TGGT APPARATUS AND MOTOR LEAD WIRE 250°C, 600 VOLT

Construction

Conductor:

- Nickel plated copper per ASTM B355; stranding per ASTM B8 (Class B), ASTM B173 (Class H) or ASTM B174 (Class K).

Composite Insulation:

- PTFE Teflon® tape wrapped in concentric layers and a wall of glass fiber wrap impregnated with a flame-retardant, high temperature finish.

Overall Jacket:

- Tan braided glass yarn impregnated with flame, heat, moisture and fraying resistant finish. (Impregnated glass braid)

Applications:

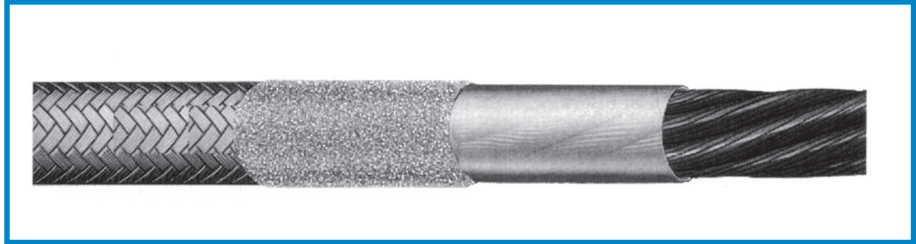
- TGGT Apparatus and Motor Lead Wire is designed for use as internal wiring of commercial and industrial heating and cooking equipment in both damp and dry applications, electronic equipment and similar high temperature appliances.

TGGT Apparatus & Motor Lead Wire:

- Temperature rating: Normal 250°C.
- Class H&K stranding provides additional flexibility.
- Nickel coated copper conductor maintains flexibility and conductivity at elevated temperatures.
- PTFE Teflon®/glass serve/glass braid composite insulation provides:
 - Excellent moisture resistance through the use of heat fused Teflon® tape.
 - Thermal protection and flame resistance through the use of inorganic insulation materials.
 - Mechanical protection.
- TGGT Apparatus and Motor Lead Wire provides:
 - Good flexibility.
 - Excellent resistance to moisture, heat and flames.
 - Excellent resistance to oil, hydraulic fluid, acids and solvents. Chemical resistant.
 - High dielectric strength.
 - Low power factor without cold flow.

Industry Approvals:

- Listed by UL (Style 5251) and CSA Class I A/B.



CUSTOM CATALOG NUMBER	SIZE	STRAND	NOM. INSUL. THICKNESS	SERVE THICKNESS	BRAID THICKNESS	NOMINAL O.D.	CURRENT	NOMINAL WEIGHT
	AWG/MCM		INCHES	INCHES	INCHES	INCHES	AMPS*	LBS/MFT
9801	18	16	0.010	0.008	0.005	0.110	23	12
9802	16	26	0.012	0.008	0.005	0.120	29	16
9803	14	41	0.012	0.008	0.005	0.140	40	23
9805	12	65	0.012	0.008	0.005	0.160	55	32
9806	10	105	0.012	0.008	0.005	0.185	75	48
9810	8	133	0.012	0.008	0.005	0.230	95	72
9811	6	133	0.020	0.015	0.017	0.285	135	120
9812	4	133	0.020	0.015	0.017	0.340	175	175
9813	2	133	0.020	0.015	0.017	0.440	230	270
9820	1	259	0.020	0.015	0.017	0.470	290	340
9821	1/0	259	0.020	0.015	0.017	0.515	350	415
9822	2/0	259	0.020	0.015	0.017	0.570	410	510
9823	3/0	259	0.020	0.015	0.017	0.625	480	630
9824	4/0	259	0.020	0.015	0.017	0.690	560	780

* Ampacity based on single conductor in free air, 30°C ambient.

NOTE: Alternate stranding and conductor material options do exist.

Custom Cable Corp.

 **Recognized Component**
Underwriters Laboratories Inc.

 **Certified**
Canadian Standard Association

242 Butler Street • Westbury, New York 11590-3193 • Tel: (516) 334-3600 • Toll Free: (800) 832-3600 • FAX: (516) 334-3989

www.customwireandcable.com • email: sales@customwireandcable.com