

TGGT 250°C 600V Apparatus & Motor Lead Wire



APPLICATION:

TGGT Apparatus & Motor Lead Wire is for use in internal wiring of domestic, commercial and industrial heating; cooking equipment and control and power circuits, when high temperatures and abrasive environments are present. TGGT is suitable for use in damp or dry applications up to 250°C and 600 volts.

CONDUCTORS:

- Flexible strand soft drawn 2% nickel coated copper conductors per ASTM B355, B8, B173 and B174

INSULATION:

- Two PTFE Teflon® tapes with a fiberglass serve

JACKET:

- Braided fiberglass with a high temperature finish impregnated with a moisture, heat and flame resistant compound

COLOR CODE:

- Natural and Solid Colors

STANDARDS:

- UL 5256 (18-2 AWG)
- UL 5251 (1/0 AWG and larger)
- CSA AWM 1 A/B FT1
- VW-1 flame Test

Part Number	Conductor Size	No. of Strands	PTFE Wall Thickness		Double Fiberglass Wrap Thickness		Fiberglass Braid Thickness		Overall Diameter		Min. Bend Radius	Net Weight
	AWG		inches	mm	inches	mm	inches	mm	inches	mm	inches	lbs/km
18-01TGGT	18	19	0.015	0.38	0.010	0.25	0.005	0.13	0.090	2.29	0.72	9
16-01TGGT	16	26	0.015	0.38	0.010	0.25	0.005	0.13	0.107	2.72	0.86	14
14-01TGGT	14	41	0.015	0.38	0.010	0.25	0.005	0.13	0.120	3.05	0.96	20
12-01TGGT	12	65	0.015	0.38	0.015	0.38	0.010	0.25	0.139	3.53	1.11	29
10-01TGGT	10	105	0.015	0.38	0.015	0.38	0.005	0.13	0.164	4.17	1.31	43
8-01TGGT	8	133	0.015	0.38	0.015	0.38	0.005	0.13	0.211	5.36	1.69	66
6-01TGGT	6	133	0.020	0.51	0.015	0.38	0.007	0.18	0.257	6.53	2.06	99
4-01TGGT	4	133	0.020	0.51	0.015	0.38	0.007	0.18	0.335	8.51	2.68	164
2-01TGGT	2	133	0.020	0.51	0.015	0.38	0.007	0.18	0.401	10.19	3.21	248
1/0-01TGGT	1/0	259	0.035	0.89	0.020	0.51	0.010	0.25	0.531	13.49	4.25	404
2/0-01TGGT	2/0	259	0.035	0.89	0.020	0.51	0.010	0.25	0.582	14.78	4.66	499
4/0-01TGGT	4/0	259	0.035	0.89	0.020	0.51	0.010	0.25	0.702	17.83	5.62	762

All values are nominal and subject to correction

