

# Product Data Sheet

TGGT



## Product Description

PTFE/glass  
Fiberglass-braid composite  
600 V  
UL 5256/5196

## Applications

For use as internal wiring of commercial and industrial heating and cooking equipment and similar high-temperature appliances.

## Specifications

- CONDUCTOR: Nickel-plated copper per ASTM B-355, Class K stranded per ASTM B-174 (18-10 AWG) or Class H stranded per ASTM B-173 (8-2 AWG)
- COMPOSITE INSULATION: PTFE tape wrapped in concentric layers and a wall of glass fiber wrap impregnated with a high-temperature finish
- OVERALL JACKET: Braided-glass yarn impregnated with an abrasion-resistant finish
- STANDARDS: Meets the UL requirements for AWM Style 5256/5196, also meets the requirements for CSA Type C3
- AMPACITY: Based on three single insulated conductors in raceway or cable with an ambient temperature of 40°C per 2008 NEC 310.18
- TEMPERATURE: 250°C
- VOLTAGE: 600 V

# Product Data Sheet

All part numbers require color code designation. See Color Code chart in technical information section. Diameters and weights may vary among manufacturers.

<b>Part No.</b>	<b>Conductor Size AWG</b>	<b>No. of Strands</b>	<b>Composite Insulation Thickness (in.)</b>	<b>Serve Thickness (in.)</b>	<b>Braid Thickness (in.)</b>	<b>Nom. O.D. (in.)</b>	<b>Approx. Wt. lb./1,000 ft.</b>	<b>Amps per Conductor</b>
8TGG-1801	18	19	0.010	0.005	0.008	0.091	9	20
8TGG-1601	16	26	0.013	0.005	0.007	0.107	14	26
8TGG-1401	14	41	0.013	0.005	0.006	0.121	19	39
8TGG-1201	12	65	0.013	0.005	0.006	0.139	28	54
8TGG-1001	10	105	0.013	0.005	0.006	0.164	42	73
8TGG-0801	8	133	0.013	0.005	0.006	0.212	66	93
8TGG-0601	6	133	0.017	0.008	0.009	0.269	108	117
8TGG-0401	4	133	0.017	0.008	0.011	0.269	164	148
8TGG-0201	2	133	0.017	0.008	0.009	0.398	248	191