TGGT 250°C 300V UL 5257

Flexible Appliance and Industrial Lead Wire, Temp Rating 250°C

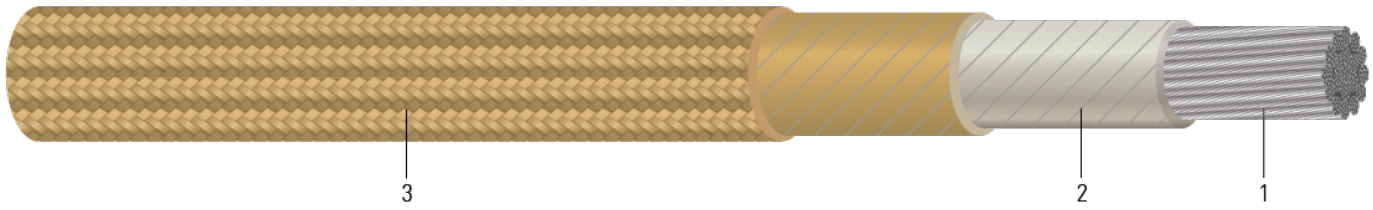


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** flexible stranded nickel plated, annealed copper
2. **Insulation:** PTFE Fluoropolymer tapes covered by wrapped fiberglass yarns
3. **Jacket:** A fiberglass braid jacket is applied over the insulation, then treated with a high-temperature saturant. Natural color is tan.

APPLICATIONS AND FEATURES:

Used for the internal wiring of commercial, industrial, and household ovens as well as cooking equipment. Suited for severe hot spot locations in industrial processing.

Excellent moisture resistance, provides thermal and flame resistance, and good flexibility. High dielectric strength and low power factor without cold flow. Colors available upon request.

SPECIFICATIONS:

- UL AWM Appliance wire approvals as listed in Table 1
- CSA AWM I A/B FT1
- RoHS-3 Complies with European Directive 2015/863

Copyright © 2026 Southwire Company, LLC. All Rights Reserved
UPDATED: Dec. 31, 2024, 11:07 p.m.UTC REVISION: 1.000.000

Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Strands	Insul. Thickness	Braid	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	strand	mil	mil	inch	lb/1000ft	°C	Style/Type
C12001	20	10	4	5	0.064	9	250	5257
C11801	18	16	4	5	0.072	12	250	5257
C11601	16	26	4	5	0.086	16	250	5257
C11401	14	41	4	5	0.107	22	250	5257
C11201	12	65	8	5	0.121	30	250	5257
C11001	10	105	8	5	0.149	45	250	5257
C10801	8	133	8	5	0.204	68	250	5257
C10601	6	133	11	6	0.259	116	250	5257
C10401	4	133	11	6	0.314	170	250	5257
C10201	2	133	11	6	0.384	260	250	5257

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item
Dimensions and weights for other cable configurations are available upon request.
TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.

Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Strands	Insul. Thickness	Braid	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	strand	mm	mm	mm	kg/km	°C	Style/Type
C12001	20	10	0.10	0.13	1.63	13	250	5257
C11801	18	16	0.10	0.13	1.83	18	250	5257
C11601	16	26	0.10	0.13	2.18	24	250	5257
C11401	14	41	0.10	0.13	2.72	33	250	5257
C11201	12	65	0.20	0.13	3.07	45	250	5257
C11001	10	105	0.20	0.13	3.78	67	250	5257
C10801	8	133	0.20	0.13	5.18	101	250	5257
C10601	6	133	0.28	0.15	6.58	173	250	5257
C10401	4	133	0.28	0.15	7.98	253	250	5257
C10201	2	133	0.28	0.15	9.75	387	250	5257

Copyright © 2026 Southwire Company, LLC. All Rights Reserved