TGGT 250°C 600V UL 5256

Flexible Appliance and Industrial Lead Wire - Features Excellent Non-Fray Properties, Temp Rating 250°C

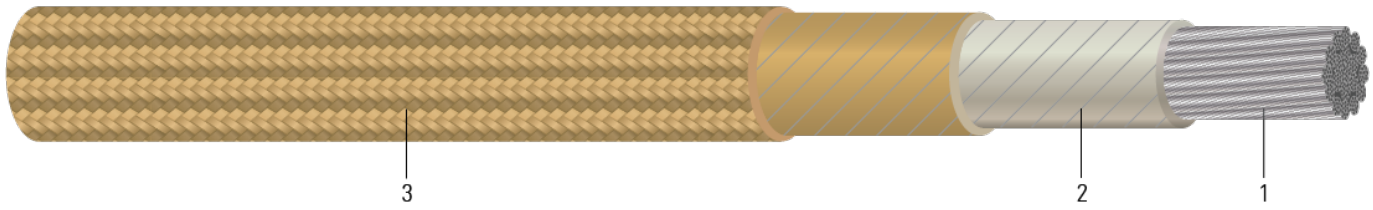


Image not to scale. See Table 1 for dimensions.

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
C12016	20	10	7	5	0.070	10	250	5256
C11818	18	16	7	5	0.078	13	250	5256
C11612	16	26	11	5	0.092	17	250	5256
C11403	14	41	11	5	0.113	23	250	5256
C11221	12	65	12	5	0.127	32	250	5256
C11033	10	105	12	5	0.155	48	250	5256
C10807	8	133	13	5	0.210	72	250	5256
C10611	6	133	14	6	0.265	120	250	5256
C10401	4	133	14	6	0.320	175	250	5256
C10202	2	133	14	6	0.390	270	250	5256

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
C12016	20	10	0.18	0.13	1.78	15	250	5256
C11818	18	16	0.18	0.13	1.98	19	250	5256
C11612	16	26	0.28	0.13	2.34	25	250	5256
C11403	14	41	0.28	0.13	2.87	34	250	5256
C11221	12	65	0.30	0.13	3.23	48	250	5256
C11033	10	105	0.30	0.13	3.94	71	250	5256
C10807	8	133	0.33	0.13	5.33	107	250	5256
C10611	6	133	0.36	0.15	6.73	179	250	5256
C10401	4	133	0.36	0.15	8.13	260	250	5256
C10202	2	133	0.36	0.15	9.91	402	250	5256

Copyright © 2026 Southwire Company, LLC. All Rights Reserved