TGGT 250°C 300V UL 5180

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

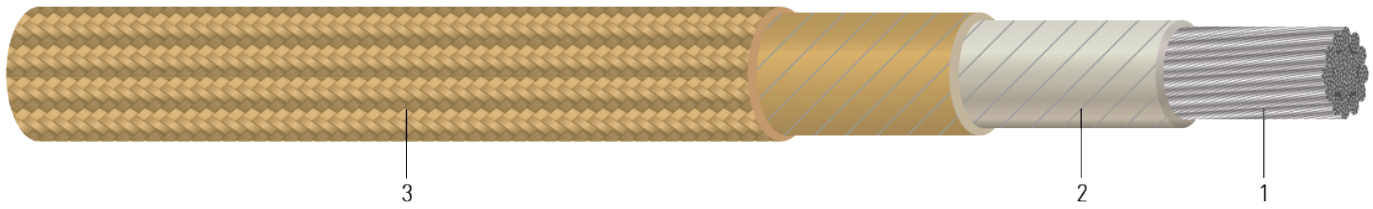


Image not to scale. See Table 1 for dimensions.

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

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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
C12403	24	7/.0080	4	5	0.065	4	250	5180
C12205	22	7/.0100	4	5	0.074	5	250	5180
C12005	20	10/.0100	4	5	0.081	6	250	5180
C11807	18	16/.0100	4	5	0.090	9	250	5180
C11608	16	26/.0100	8	5	0.104	13	250	5180
C11415	14	41/.0100	8	5	0.119	20	250	5180
C11215	12	65/.0100	8	5	0.133	29	250	5180
C11016	10	105/.0100	8	5	0.163	42	250	5180
C108A1	8	133/.0111	8	5	0.226	67	250	5180

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.

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
C12403	24	7/.0080	0.10	0.13	1.65	6	250	5180
C12205	22	7/.0100	0.10	0.13	1.88	7	250	5180
C12005	20	10/.0100	0.10	0.13	2.06	9	250	5180
C11807	18	16/.0100	0.10	0.13	2.29	13	250	5180
C11608	16	26/.0100	0.20	0.13	2.64	19	250	5180
C11415	14	41/.0100	0.20	0.13	3.02	30	250	5180
C11215	12	65/.0100	0.20	0.13	3.38	43	250	5180
C11016	10	105/.0100	0.20	0.13	4.14	63	250	5180
C108A1	8	133/.0111	0.20	0.13	5.74	100	250	5180