TGGT 250°C 600V UL 5196 Heavy Wall

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

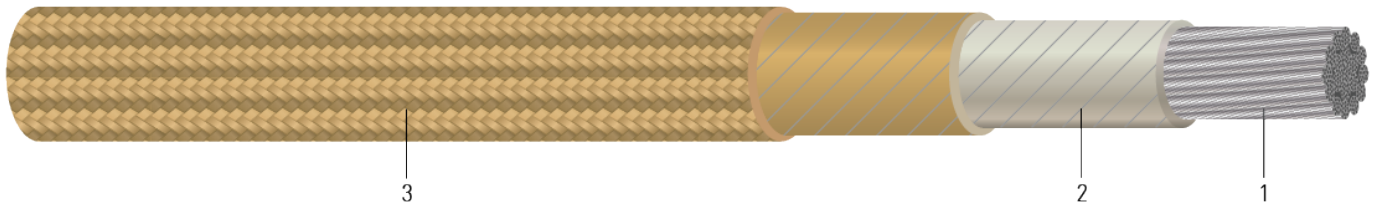


Image not to scale. See Table 1 for dimensions.

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
C12408	24	7/.008	15	5	0.085	5	250	5196
C12201	22	7/.0100	15	5	0.090	7	250	5196
C12001	20	10/.010	15	5	0.100	10	250	5196
C11812	18	16/.010	15	5	0.110	13	250	5196
C11601	16	26/.010	15	5	0.120	17	250	5196
C11404	14	41/.010	15	5	0.135	23	250	5196
C11205	12	65/.010	15	5	0.155	32	250	5196
C11020	10	105/.010	15	8	0.180	48	250	5196
C10808	8	133/.0111	15	17	0.240	72	250	5196
C10603	6	133/.0142	20	17	0.320	120	250	5196
C10402	4	133/.0177	20	17	0.375	175	250	5196
C10203	2	133/.0223	20	17	0.445	270	250	5196
C10101	1	259/.0177	20	17	0.485	340	250	5251
C11TF1	1/0	259/.0202	20	17	0.535	415	250	5251
C12TF1	2/0	259/.0229	20	17	0.585	510	250	5251
C13TF1	3/0	259/.0255	20	17	0.645	630	250	5251
C14TF1	4/0	259/.0286	20	17	0.710	780	250	5251

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
C12408	24	7/.008	0.38	0.13	2.16	7	250	5196
C12201	22	7/.0100	0.38	0.13	2.29	10	250	5196
C12001	20	10/.010	0.38	0.13	2.54	15	250	5196
C11812	18	16/.010	0.38	0.13	2.79	19	250	5196
C11601	16	26/.010	0.38	0.13	3.05	25	250	5196
C11404	14	41/.010	0.38	0.13	3.43	34	250	5196
C11205	12	65/.010	0.38	0.13	3.94	48	250	5196
C11020	10	105/.010	0.38	0.20	4.57	71	250	5196
C10808	8	133/.0111	0.38	0.43	6.10	107	250	5196
C10603	6	133/.0142	0.51	0.43	8.13	179	250	5196
C10402	4	133/.0177	0.51	0.43	9.52	260	250	5196
C10203	2	133/.0223	0.51	0.43	11.30	402	250	5196
C10101	1	259/.0177	0.51	0.43	12.32	506	250	5251
C11TF1	1/0	259/.0202	0.51	0.43	13.59	618	250	5251
C12TF1	2/0	259/.0229	0.51	0.43	14.86	759	250	5251
C13TF1	3/0	259/.0255	0.51	0.43	16.38	938	250	5251
C14TF1	4/0	259/.0286	0.51	0.43	18.03	1161	250	5251