



## FlexLite TW

*Thin-wall hookup wire and cable*



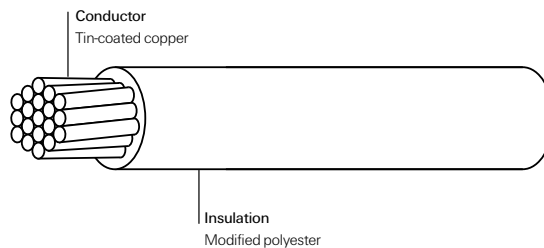
### Applications

FlexLite TW (FLTW) is commonly used in applications that demand smaller, more rugged components, often in elevated temperatures. Designed to offer reduced size while maintaining superior mechanical performance, FLTW in many cases is a lower-cost solution than expensive fluoropolymer wire.

### Features and benefits

- UL rated operating temperature to 135°C.
- Thin-wall product for size and weight savings.
- Tough insulation material.
- Excellent chemical resistance.
- Gauge sizes from 10-32 AWG.
- No plasticizers or corrosive outgassing, which can be detrimental to sensitive electrical and electronic components.

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**Specifications/approvals**

Series	UL	CUL	CSA	Raychem
TW	Style 10208 Flammability VW1 Temperature range of -55°C to 135°C	Recognized	Certified AWM1A/B	WCD-3106

**Construction details—dimensions in mm/in**

Part number	Wire size (AWG)	Conductor		Finished wire				Nominal weight in kg/km (lb/1000 ft)
		Stranding (no. x AWG)	Diameter (target value)	Maximum resistance at 20°C (Ω/1000 ft)	Diameter Lower spec. limit	Target value	Upper spec. limit	
FLTWC0311-26*	26	19 x 38	.470 (.0185)	41.30	.813 (.032)	.864 (.034)	.914 (.036)	1.94 (1.3)
FLTWC0311-24*	24	19 x 36	.597 (.0235)	25.4	.965 (.038)	1.02 (.040)	1.07 (.042)	2.83 (1.9)
FLTWC0311-22*	22	19 x 34	.749 (.0295)	15.9	1.43 (.045)	1.19 (.047)	1.25 (.049)	4.17 (2.8)
FLTWC0311-20*	20	19 x 32	.953 (.0375)	9.76	1.35 (.053)	1.40 (.055)	1.45 (.057)	6.25 (4.2)
FLTWC0311-18*	18	19 x 30	1.18 (.0465)	6.22	1.60 (.063)	1.65 (.065)	1.70 (.067)	9.52 (6.4)
FLTWC0311-16*	16	19 x 29	1.33 (.0525)	4.82	1.75 (.069)	1.83 (.072)	1.91 (.075)	12.20 (8.2)
FLTWC0311-14*	14	19 x 27	1.68 (.0660)	3.05	2.16 (.085)	2.26 (.089)	2.36 (.093)	18.90 (12.7)
FLTWD0311-12*	12	37 x 28	2.16 (.0850)	2.06	2.64 (.104)	2.74 (.108)	2.84 (.112)	28.87 (19.4)

\* Replace asterisk with color code designator:

- 0 = Black      3 = Orange      7 = Violet
- 1 = Brown    4 = Yellow      8 = Gray
- 2 = Red        5 = Green      9 = White

For example: FLTWC0311-22-9 = AWG 22, white.

Users should independently evaluate the suitability of the product for their application. Before ordering check with factory for most current data.

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