

Fax-on-Demand: (800) 260-9099
(650) 361-6523

Before ordering check with factory for most current data.

FlexLite TW

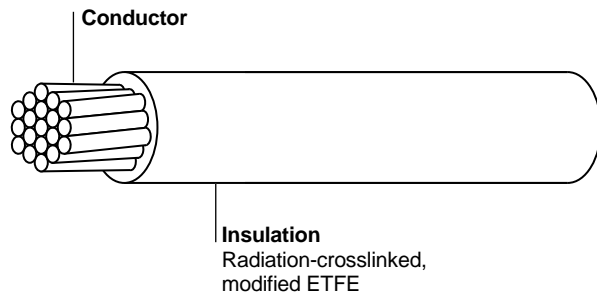
Thin-wall hookup wire and cable

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/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 12 to 26 AWG.
- No plasticizers or corrosive outgassing, which can be detrimental to sensitive electrical and electronic components.



Specifications/Approvals

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

Construction Details—dimensions in mm/in

Part number	Wire size (AWG)	Conductor		Maximum resistance at 20°C (Ω/1000 ft)	Diameter			Nominal weight in kg/km (lb/1000 ft)
		Stranding (no. x AWG)	Diameter target value		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)	26.20	.965 (.038)	1.02 (.040)	1.07 (.042)	2.83 (1.9)
FLTWC0311-22-*	22	19 x 34	.749 (.0295)	16.20	1.43 (.045)	1.19 (.047)	1.25 (.049)	4.17 (2.8)
FLTWC0311-20-*	20	19 x 32	.953 (.0375)	10.10	1.35 (.053)	1.40 (.055)	1.45 (.057)	6.25 (4.2)
FLTWC0311-18-*	18	19 x 30	1.18 (.0465)	6.35	1.60 (.063)	1.65 (.065)	1.70 (.067)	9.52 (6.4)
FLTWC0311-16-*	16	19 x 29	1.33 (.0525)	4.91	1.75 (.069)	1.83 (.072)	1.91 (.075)	12.20 (8.2)
FLTWC0311-14-*	14	19 x 27	1.68 (.0660)	3.10	2.16 (.085)	2.26 (.089)	2.36 (.093)	18.90 (12.7)
FLTWD0311-12-*	12	37 x 28	2.16 (.0850)	2.02	2.64 (.104)	2.74 (.108)	2.85 (.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.

FlexLite is a trademark of Raychem Corporation.

Users should independently evaluate the suitability of the product for their application.