

Nonflowing insulation for high-performance applications

FlexLite DW primary wire offers a high-performance nonflowing insulation suitable for a variety of applications, especially those with occasional high-temperature excursions, such as high-power battery-operated devices or intermittent-duty motors and heating elements.

The dual-wall construction of FlexLite DW wire offers improved mechanical properties, such as resistance to notch propagation and fluid damage. Available in a variety of colors and constructions, FlexLite DW wire handles well and is compatible with automated stripping equipment.

- UL Style 3584, CUL Recognized
- Operating temperature range of -45°C to 125°C
- 600 V rating
- Insulation that does not melt and flow at high temperatures
- Thin-wall product for size and weight savings
- Excellent chemical resistance
- Dual-wall construction for increased mechanical performance
- Compatibility with automated stripping equipment
- VW-1 flammability rating

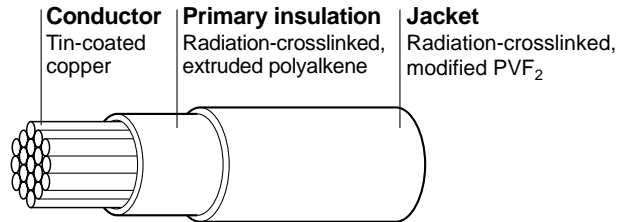


Compact FlexLite DW wire offers space savings for motors, heating elements, and battery-operated tools.

FlexLite DW

Dual-wall primary wire

- UL Style 3584
- Nonflowing insulation
- 600 V rating



Construction Details—dimensions in inches (millimeters)

Part number	Wire size (AWG)	Conductor stranding (no. x AWG)	Conductor diameter Target value	Finished wire				
				Maximum resistance at 20°C (Ω/1000 ft)	Diameter Lower spec. limit	Target value	Upper spec. limit	Nominal weight in lb/1000 ft (kg/km)
FLDWB0311-28-**	28	7 x 36	.0145 (.368)	68.60	.033 (.838)	.035 (.889)	.037 (.940)	1.1 (1.64)
FLDWC0311-26-**	26	19 x 38	.0185 (.470)	41.30	.038 (.965)	.040 (1.02)	.042 (1.07)	1.6 (2.38)
FLDWC0311-24-**	24	19 x 36	.0235 (.594)	26.20	.044 (1.12)	.046 (1.17)	.048 (1.22)	2.4 (3.57)
FLDWC0311-22-**	22	19 x 34	.0295 (.749)	16.20	.052 (1.32)	.054 (1.37)	.056 (1.42)	3.5 (5.21)
FLDWC0311-20-**	20	19 x 32	.0375 (.953)	10.10	.060 (1.52)	.062 (1.57)	.064 (1.63)	5.1 (7.59)
FLDWC0311-18-**	18	19 x 30	.0465 (1.18)	6.35	.070 (1.78)	.073 (1.85)	.076 (1.93)	7.7 (11.46)
FLDWC0311-16-**	16	19 x 29	.0525 (1.33)	4.91	.078 (1.98)	.081 (2.06)	.084 (2.13)	9.8 (14.58)
FLDWC0311-14-**	14	19 x 27	.0660 (1.68)	3.10	.094 (2.39)	.098 (2.49)	.102 (2.59)	14.7 (21.88)
FLDWD0311-12-**	12	37 x 28	.0850 (2.16)	2.02	.113 (2.87)	.117 (2.97)	.121 (3.07)	22.1 (32.89)

**Replace double asterisk with color code designator:

- | | |
|------------|------------|
| 0 = Black | 5 = Green |
| 1 = Brown | 6 = Blue |
| 2 = Red | 7 = Violet |
| 3 = Orange | 8 = Gray |
| 4 = Yellow | 9 = White |

For example, FLDWC0311-20-9 = AWG 20, white.

Specifications

- UL Style 3584
- VW-1 flammability
- Raychem WCD 3106
- CUL Recognized
- CSA Certified AWM I A

FlexLite is a trademark of Raychem Corporation.

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