

769-356 #0 680
Raychem

FlexLite DW

Dual-wall primary wire

769-459.

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 colours and constructions, FlexLite DW wire handles well and is compatible with automated stripping equipment.



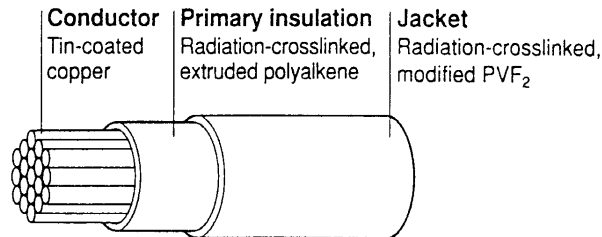
- UL Style 3584, CUL Recognised
- Continuous operating temperature range of -45°C to 125°C
- Intermittent excursion temperature of 180°C
- 600 V rating
- Insulation that does not melt and flow at high temperatures
- Thin-wall product for size and weight savings
- Excellent chemical resistance
- Dual-wall 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 millimetres

Part number	Nominal CSA (mm ²)	Conductor stranding (no/dia)	Conductor diameter		Maximum resistance at 20°C (ohms/km)	Finished wire			Nominal weight kg/km
			min	max		Lower spec. limit	Target value	Upper spec. limit	
FLDWC0311-0.25-*	0.25	19/0.127	0.55	0.63	83.6	1.12	1.17	1.22	3.77
FLDWC0311-0.35-*	0.35	19/0.15	0.72	0.77	56.1	1.31	1.37	1.42	5.17
FLDWC0311-0.50-*	0.50	19/0.19	0.86	0.88	40.1	1.46	1.51	1.56	6.92
FLDWC0311-0.75-*	0.75	19/0.23	1.05	1.08	24.7	1.65	1.70	1.75	9.53
FLDWC0311-1.00-*	1.00	19/0.25	1.17	1.26	20.0	1.78	1.85	1.93	11.88
FLDWC0311-1.50-*	1.50	19/0.32	1.46	1.51	13.7	2.21	2.28	2.36	17.88
FLDWC0311-2.00-*	2.00	19/0.36	1.66	1.79	9.7	2.42	2.52	2.62	23.08

*Replace asterisk with colour code designator:

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

For example, FLDWC0311-1.00-9 = size 1.00mm², white.

Specifications

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

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