

Before ordering check with factory for most current data.

FlexLite HT

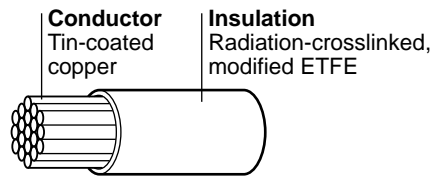
High-temperature hookup wire

Applications

FlexLite HT (FLHT) is the product of choice for high-temperature applications. It offers shop-handling advantages over silicone/fiberglass constructions (SF1/SF2) and is cost-competitive with other fluoropolymer wire. Applications include halogen lights and small high-end appliances where space and temperature are issues.

Features/Benefits

- UL rated operating temperature to 200°C.
- Exceptional chemical resistance.
- Thin-wall, for size and weight savings.
- Tough fluoropolymer insulation material.
- Excellent stripping and handling.
- Variety of constructions and colors.
- Crosslinked to minimize cold flow.
- VW-1 flammability rating.
- 600 V rating.



Specifications/Approvals

Series	UL	CUL	CSA	Raychem
HT	Style 3557 Flammability VW-1 Temperature rating 200°C	Recognized	Certified AWMIA	WCD-3106

Construction Details—dimensions in mm/in

Part number	Wire size (AWG)	Conductor		Finished wire				
		Stranding (no. x AWG)	Diameter target value	Maximum resistance at 20°C (Ω/1000 ft)	Diameter			Nominal weight kg/km (lb/1000 ft)
					Lower spec. limit	Target value	Upper spec. limit	
FLHTC0311-26-*	26	19 x 38	.470 (.0185)	41.30	.739 (.029)	.775 (.030)	.810 (.031)	1.83 (1.2)
FLHTC0311-24-*	24	19 x 36	.597 (.0235)	26.20	.866 (.034)	.902 (.035)	.937 (.036)	2.69 (1.8)
FLHTC0311-22-*	22	19 x 34	.749 (.0295)	16.20	1.02 (.040)	1.05 (.041)	1.09 (.042)	4.00 (2.6)
FLHTC0311-20-*	20	19 x 32	.953 (.0375)	10.10	1.22 (.048)	1.26 (.049)	1.29 (.050)	6.12 (4.1)
FLHTC0311-18-*	18	19 x 30	1.18 (.0465)	6.35	1.46 (.057)	1.50 (.059)	1.54 (.060)	9.33 (6.2)
FLHTC0311-16-*	16	19 x 29	1.33 (.0525)	4.91	1.64 (.064)	1.69 (.066)	1.74 (.068)	11.92 (8.0)
FLHTC0311-14-*	14	19 x 27	1.68 (.0660)	3.10	2.00 (.078)	2.06 (.081)	2.11 (.083)	18.44 (12.3)
FLHTD0311-12-*	12	37 x 28	2.16 (.0850)	2.02	2.47 (.097)	2.54 (.100)	2.61 (.102)	28.53 (19.1)

Part number	Nominal CSA (mm ²)	Conductor		Finished wire				
		Stranding (no./dia)	Diameter (mm) (min.) (max.)	Maximum resistance at 20°C (Ω/km)	Diameter (mm)			Nominal weight (kg/km)
					Lower spec. limit	Target value	Upper spec. limit	
FLHTC0311-0.25-*	0.25	19/0.127	0.55 0.63	83.6	0.86	0.89	0.93	2.94
FLHTC0311-0.35-*	0.35	19/0.15	0.72 0.77	56.1	1.01	1.05	1.08	4.07
FLHTC0311-0.50-*	0.50	19/0.19	0.86 0.88	40.1	1.14	1.17	1.21	5.62
FLHTC0311-0.75-*	0.75	19/0.23	1.05 1.08	24.7	1.34	1.38	1.42	8.13
FLHTC0311-1.00-*	1.00	19/0.25	1.17 1.26	20.0	1.49	1.53	1.57	10.21
FLHTC0311-1.50-*	1.50	19/0.32	1.46 1.51	13.7	1.79	1.84	1.89	15.21
FLHTC0311-2.00-*	2.00	19/0.36	1.66 1.79	9.7	2.05	2.10	2.16	20.09
FLHTC0311-2.50-	2.50	19/0.41	1.87 1.94	8.2	2.22	2.29	2.35	24.72

* Replace asterisk with color code designator:
0 = Black 1 = Brown 2 = Red 3 = Orange 4 = Yellow 5 = Green 7 = Violet 8 = Gray 9 = White.
For example: FLHTC0311-22-9 = AWG 22, white. FLHTC0311-0.50-9 = Size 0.50mm², white.

FlexLite is a trademark of Raychem Corporation.

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