



## 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 and benefits

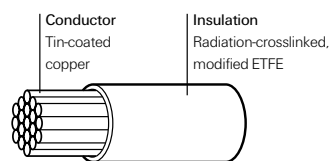
- UL rated operating temperature to 200°C.
- Exceptional chemical resistance.
- Thin-wall, for size and weight savings.
- Tough fluoropolymer insulation material.
- Excellent stripping and handling.
- Variety of constructions and colors.
- Crosslinked to minimize cold flow.
- VW-1 flammability rating.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

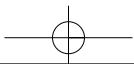
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**Specifications/approvals**

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

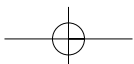
**Construction details—dimensions in mm/in**

Part number	Wire size (AWG)	Conductor		Finished wire				Nominal weight in (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	
FLHTC0311-26*	26	19 x 38	.470 (.0185)	41.30	.765 (.0301)	.800 (.0315)	.836 (.0329)	1.89 (1.27)
FLHTC0311-24*	24	19 x 36	.597 (.0235)	25.4	.892 (.0351)	.927 (.0365)	.963 (.0379)	2.76 (1.85)
FLHTC0311-22*	22	19 x 34	.749 (.0295)	15.9	1.04 (.0411)	1.08 (.0425)	1.12 (.0439)	4.08 (2.74)
FLHTC0311-20*	20	19 x 32	.953 (.0375)	9.76	1.25 (.0491)	1.28 (.0505)	1.32 (.0519)	6.21 (4.17)
FLHTC0311-18*	18	19 x 30	1.18 (.0465)	6.22	1.48 (.0583)	1.52 (.0600)	1.57 (.0617)	9.45 (6.34)
FLHTC0311-16*	16	19 x 29	1.33 (.0525)	4.82	1.67 (.0656)	1.71 (.0675)	1.76 (.0694)	12.05 (8.09)
FLHTC0311-14*	14	19 x 27	1.68 (.0660)	3.05	2.03 (.0799)	2.08 (.0820)	2.14 (.0841)	18.60 (12.49)
FLHTD0311-12*	12	37 x 28	2.16 (.0850)	2.06	2.50 (.0984)	2.57 (.1010)	2.63 (.1036)	28.71 (19.29)

Part number	Conductor		Finished wire				Nominal weight (kg/km)		
	Nominal CSA (mm <sup>2</sup> )	Stranding No./Dia. (mm)	Diameter (mm)		Maximum resistance at 20°C (ohms/km)	Diameter (mm)			
			(min.)	(max.)		Lower spec. limit		Target value	Upper spec. limit
FLHTC0311-0.25*	0.25	19/0.127	0.55	0.63	84.3	0.96	1.00	1.03	2.95
FLHTC0311-0.35*	0.35	19/0.15	0.74	0.76	56.1	1.12	1.16	1.19	4.22
FLHTC0311-0.50*	0.50	19/0.19	0.86	0.88	40.1	1.24	1.27	1.31	5.59
FLHTC0311-0.75*	0.75	19/0.23	1.05	1.08	24.7	1.43	1.47	1.51	7.95
FLHTC0311-1.00*	1.00	19/0.25	1.17	1.26	20.0	1.58	1.62	1.66	9.85
FLHTC0311-1.50*	1.50	19/0.32	1.35	1.58	13.7	1.82	1.87	1.92	15.69
FLHTC0311-2.00*	2.00	19/0.36	1.66	1.79	9.7	2.05	2.10	2.16	18.67
FLHTC0311-2.50*	2.50	19/0.41	1.85	2.01	8.2	2.24	2.31	2.38	24.62

\* 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 0.50mm<sup>2</sup>, 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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