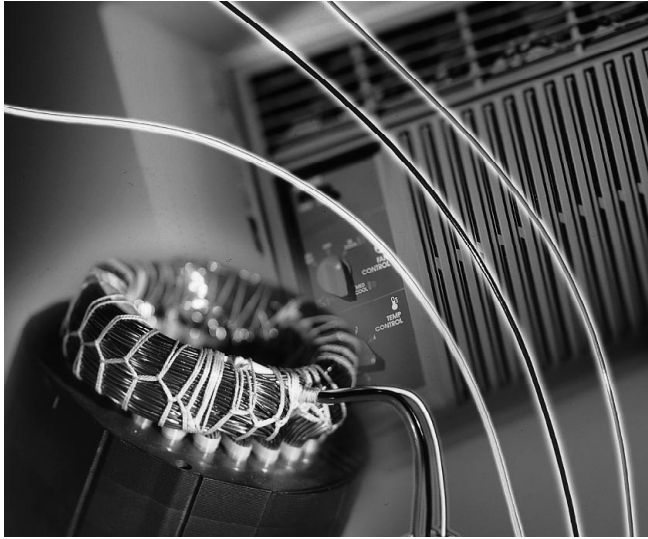


FlexLite HM

Hermetic motor lead wire

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

Before ordering check with
factory for most current data.



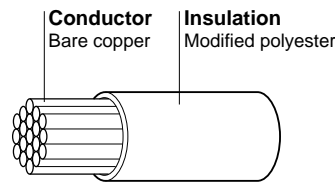
Applications

Designed for hermetic motor applications, Raychem FlexLite HM lead wire offers excellent refrigerant resistance, shop handling, and mechanical performance at lower costs than traditional lead wires for hermetic applications.

FlexLite HM meets the NEMA MW-1000 Refrigerant Extraction Test for R-22 and R-134a, and is UL recognized for use at 125°C and 600 V.

Features/Benefits

- Very low extractables.
- Excellent shop-handling characteristics.
- Light weight, small size.
- Tough insulation material.
- Gauge sizes from 10 to 20 AWG.
- Operating temperature to 125°C.



Specifications/Approvals

Series	UL	CUL	CSA	Raychem
HM	Style 10223 Temperature rating 125°C	Recognized	Certified AWMIA	WCD-3105

Construction Details—dimensions in mm/in

Part number	Wire size (AWG)	Conductor		Finished wire			Nominal weight in kg/km (lb/1000 ft)	
		Stranding (no. x AWG)	Diameter (target value)	Nominal resistance at 20°C Ω/km (Ω/1000 ft)	Diameter			
					Lower spec. limit	Target value	Upper spec. limit	
FLHMK0319-20-*	20	10 x 30	.965 (.0380)	TBD (TBD)	1.32 (.052)	1.37 (.054)	1.42 (.056)	5.66 (3.8)
FLHMK0319-18-*	18	16 x 30	1.16 (.0455)	23.6 (7.20)	1.52 (.060)	1.58 (.062)	1.63 (.064)	8.48 (5.7)
FLHMK0319-16-*	16	26 x 30	1.47 (.0580)	15.1 (4.59)	1.83 (.072)	1.88 (.074)	1.93 (.076)	12.95 (8.70)
FLHMK0319-14-*	14	41 x 30	1.85 (.0730)	8.8 (2.68)	2.21 (.087)	2.26 (.089)	2.31 (.091)	20.24 (13.6)
FLHMK0319-12-*	12	65 x 30	2.34 (.0920)	5.3 (1.63)	2.79 (.110)	2.84 (.112)	2.90 (.114)	34.52 (23.2)
FLHMKO319-10-*	10	104 x 30	2.92 (.115)	3.7 (1.12)	3.38 (.133)	3.43 (.135)	3.48 (.137)	51.21 (34.4)

* 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: FLHMK0319-18-9 = AWG 18, white

FlexLite is a trademark of Raychem Corporation.