



Available in:

- Americas ■
- Europe ■
- Asia Pacific ■

FlexLite



Selection Guide

Application	Temperature Rating (°C/°F)	Features and Benefits	Product Name
Intermittent-duty motors and heating elements	-45°C to 125°C -49°F to 257°F	<ul style="list-style-type: none"> ■ Insulation that does not melt and flow at high temperatures ■ Excellent chemical resistance ■ VW-1 	FlexLite DW
Electronics, appliance, and motor applications	-55°C to 135°C -67°F to 275°F	<ul style="list-style-type: none"> ■ Small size, light weight ■ No plasticizers or corrosive outgassing ■ Good mechanical and shop handling characteristics 	FlexLite TW
General purpose appliance wire	-55°C to 150°C -67°F to 302°F	<ul style="list-style-type: none"> ■ VW-1 ■ Excellent chemical resistance ■ Insulation does not melt and flow at high temperature 	FlexLite MT
Lighting, motor applications	-55°C to 200°C -67°F to 392°F	<ul style="list-style-type: none"> ■ VW-1 ■ Excellent shop handling ■ No cold-flow problems 	FlexLite HT
Lighting, appliances, motors	-65°C to 250°C -85°F to 482°F	<ul style="list-style-type: none"> ■ Very high temperature ■ VW-1 ■ Superb chemical resistance ■ Excellent shop handling 	FlexLite TX

FlexLite/UL Style Cross-Reference

Primary Wire

Product	UL Style	Temperature Rating	Voltage Rating	AWG Range	Part Description
FlexLite DW	3584	125°C [257°F]	600 volts	4–28	FLDWX031X
FlexLite TW	10208	135°C [275°F]	600 volts	10–32	FLTWX031X
FlexLite MT	10916	150°C [302°F]	600 volts	6–26	FLMTX031X
FlexLite HT	3557	200°C [392°F]	600 volts	6–26	FLHTX031X
FlexLite TX	10297	250°C [482°F]	600 volts	4–28	FLTX031X

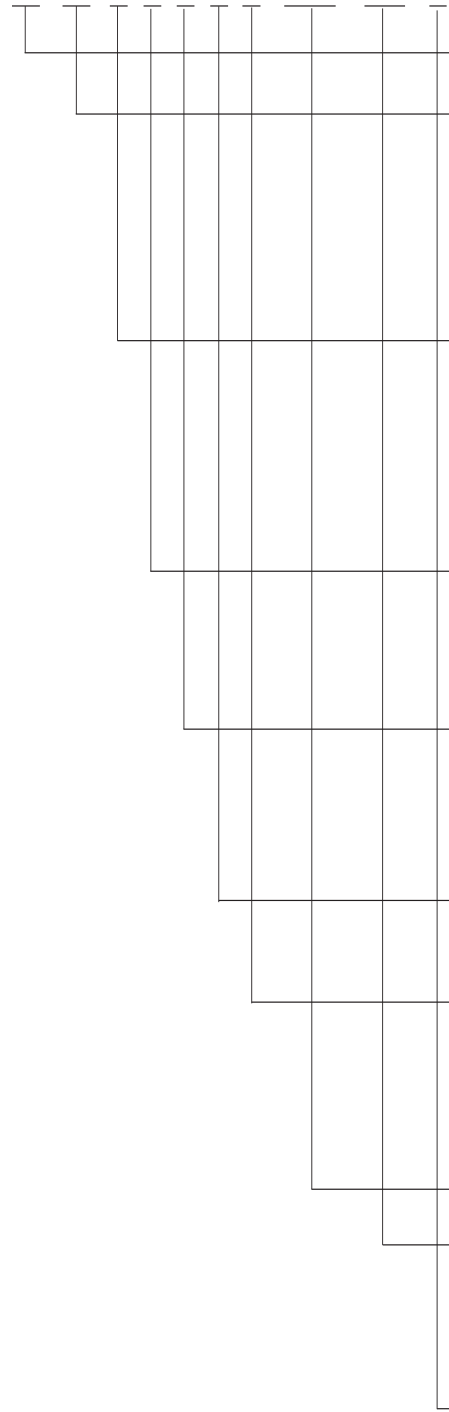
Note: Additional UL-recognized cable constructions are available. Please contact Tyco Electronics for details.

UL Marking and Labeling

All FlexLite products are UL labeled and reel marked. UL surface marking is additional. Please contact Tyco Electronics for further information.

Part Numbering System

FL XX X X X X X - Size - X/X - X



Basic Product Number

Product Type (UL Style - Temperature Rating)

- DW - UL Style 3584 - 125°C
- TW - UL Style 10208 - 135°C
- MT - UL Style 10916 - 150°C
- HT - UL Style 3557 - 200°C
- TX - UL Style 10297 - 250°C

Conductor Stranding

- A - Solid
- B - 7 strand
- C - 19 strand
- D - 37 strand
- E - Rope Lay

Construction

- 0 - Primary wire; or unshielded & unjacketed cable
- 1 - Round braid shielded & jacketed cable*
- 6 - Special constructions

Class of Wire

- 1 - 150 volt
- 2 - 300 volt
- 3 - 600 volt

Number of Conductors

1 through 10 (designator for 10 conductor = 0)

Conductor Type

- 1 - Tin-coated copper
- 2 - Silver-coated copper
- 3 - Nickel coated copper
- 9 - Bare copper

Conductor Size (AWG) or (Metric)

Primary Wire Insulation Color (code per MIL-STD-681)

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

Jacket Color (code per MIL-STD-681)

(codes same as for Primary Wire Insulation Color)

*Shield coating same as conductor coating

Typical ordering example	19 strand, 20 AWG tin-coated copper, two component, shielded and jacketed cable, 600 volt, blue and white components, white jacket; part number FLDWC1321-20-6/9-9.
Ordering information	For product requiring CUR (Canadian UL) or CSA marking in 14-10 AWG, 19 strand conductors only, the part numbering descriptions above DO NOT apply. Please contact Tyco Electronics for further information.