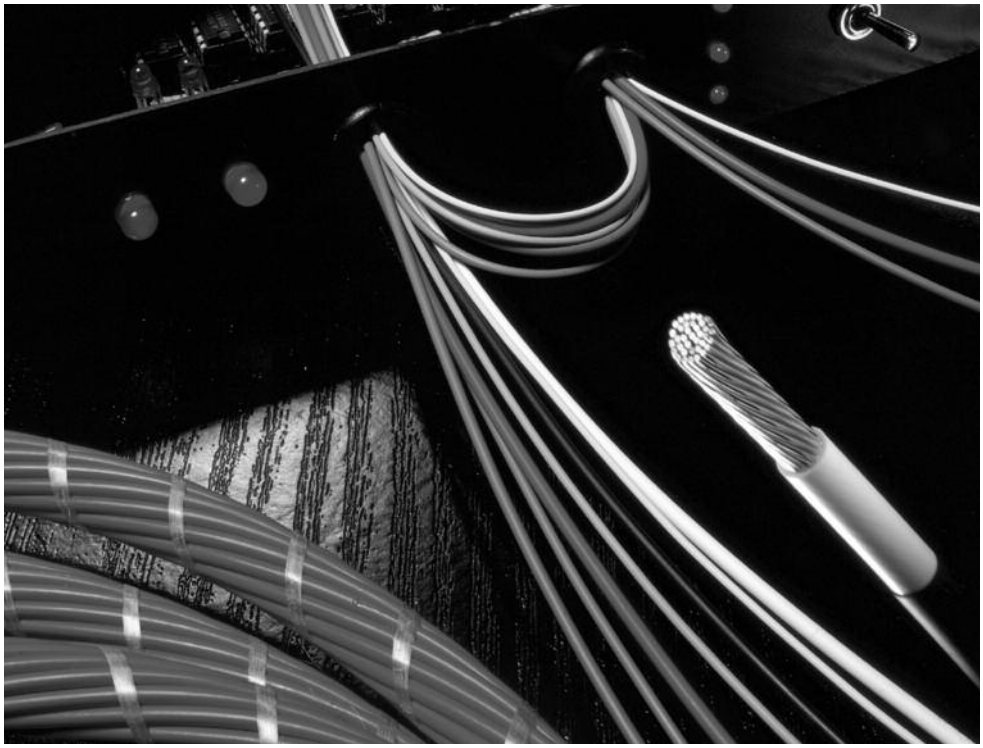
FlexLite Commercial Wire

Available in:

Americas	■
Europe	■
Asia Pacific	■



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	■ 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	■ Small size, light weight ■ No plasticizers or corrosive outgassing	FlexLite TW
General purpose commercial and industrial	150°C	■ Excellent shop handling ■ Excellent chemical resistance ■ Non-melting insulation	FlexLite CW
Lighting, motor applications	-55°C to 200°C -67°F to 392°F	■ Insulation does not melt and flow at high temperature ■ VW-1 ■ Excellent shop handling ■ No cold-flow problems	FlexLite HT
Lighting, appliances, motors	-65°C to 250°C -85°F to 482°F	■ Very high temperature ■ VW-1 ■ Superb chemical resistance ■ Excellent shop handling	FlexLite TX

FlexLite/UL Style Cross-Reference

UL Marking and Labeling

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

Primary Wire

Product	UL Style	Temperature Rating	Voltage Rating	AWG Range	Part Description
FlexLite DW*	3584	125°C [257°F]	600 volts	14-26	FLDWX031X
FlexLite TW	10208	135°C [275°F]	600 volts	10-28	FLTWX031X
FlexLite CW	10916	150°C [302°F]	600 volts	0.35mm²=2.50mm²	FLCW0219& 0211
FlexLite HT*	3557	200°C [392°F]	600 volts	12-26	FLHTX031X
FlexLite TX	10297	250°C [482°F]	600 volts	10-26	FLTXX031X

Note: Additional UL-recognized cable constructions are available. Please contact TE for details.
*Available in both metric and imperial sizes.

Catalog 1654025
Revised 5-12

www.te.com

Dimensions are shown for reference purposes only. Specifications subject to change.

Dimensions are in millimeters unless otherwise specified.

USA: +1 (800) 522-6752
Canada: +1 (905) 475-6222
Mexico/C. Am.: +52 (0) 55-1106-0800
Latin/S. Am.: +54 (0) 11-4733-2200
Germany: +49 (0) 6251-133-1999
UK: +44 (0) 800-267666
France: +33 (0) 1-3420-8686
Netherlands: +31 (0) 73-6246-999
China: +86 (0) 400-820-6015

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FlexLite (Continued)

Part Numbering System

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

Basic Product Number

Product Type (UL Style - Temperature Rating)
CW - UL Style 3751 - 150˚C
DW - UL Style 3584 - 125˚C
TW - UL Style 10208 - 135˚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)

Part Numbering System is a cross reference only and not meant for part creation.

*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 part numbering descriptions above MIGHT NOT apply. Please contact TE for further information.

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