

## 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<br>-49°F to 257°F | <ul style="list-style-type: none"> <li>■ Insulation that does not melt and flow at high temperatures</li> <li>■ Excellent chemical resistance</li> <li>■ VW-1</li> </ul>             | FlexLite DW  |
| Electronics, appliance, and motor applications | -55°C to 135°C<br>-67°F to 275°F | <ul style="list-style-type: none"> <li>■ Small size, light weight</li> <li>■ No plasticizers or corrosive outgassing</li> <li>■ Excellent shop handling</li> </ul>                   | FlexLite TW  |
| General purpose commercial and industrial      | 150°C                            | <ul style="list-style-type: none"> <li>■ Excellent chemical resistance</li> <li>■ Non-melting insulation</li> <li>■ Insulation does not melt and flow at high temperature</li> </ul> | FlexLite CW  |
| Lighting, motor applications                   | -55°C to 200°C<br>-67°F to 392°F | <ul style="list-style-type: none"> <li>■ VW-1</li> <li>■ Excellent shop handling</li> <li>■ No cold-flow problems</li> </ul>                                                         | FlexLite HT  |
| Lighting, appliances, motors                   | -65°C to 250°C<br>-85°F to 482°F | <ul style="list-style-type: none"> <li>■ Very high temperature</li> <li>■ VW-1</li> <li>■ Superb chemical resistance</li> <li>■ Excellent shop handling</li> </ul>                   | 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      | 0.35mm <sup>2</sup> –2.50mm <sup>2</sup> | 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                                    | FLTX031X         |

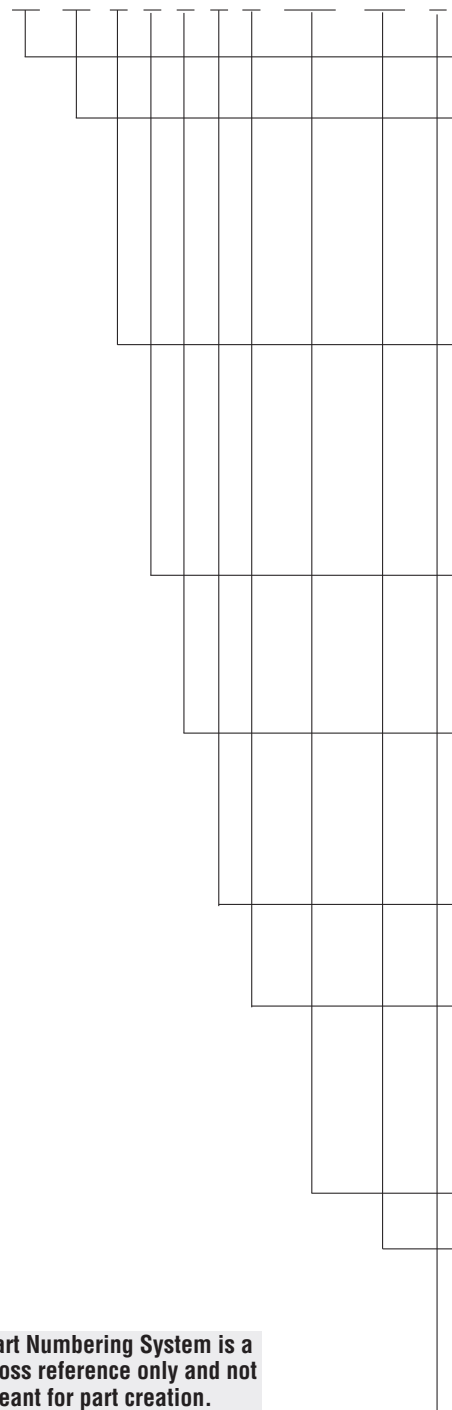
Note: Additional UL-recognized cable constructions are available. Please contact TE for details.

\*Available in both metric and imperial sizes.

## 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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