



## FEP 200°C 300V UL 1332

Flexible UL/CSA Approved Lead Wire, Temp Rating 200°C

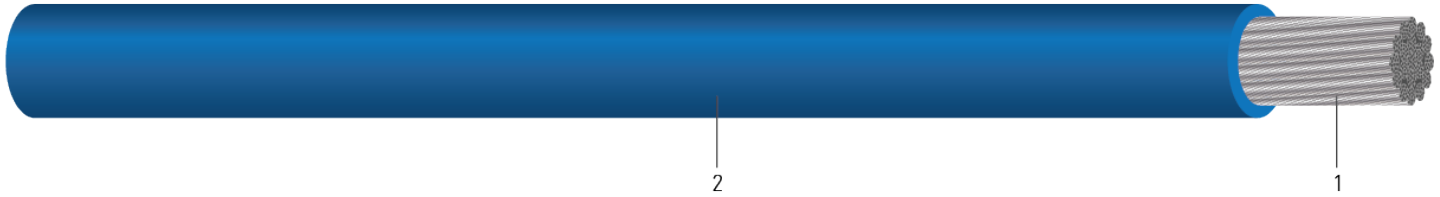


Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

- Conductor:** Stranded tinned, annealed copper per ASTM B33
- Insulation:** Extruded FEP fluoropolymer

### APPLICATIONS AND FEATURES:

Used for wiring of electric heaters, appliances, thermocouples, gas igniters, electrical and electronic components, and other products that require a temperature rating up to 200° C.

Excellent chemical resistance, excellent resistance to fluids, and low coefficient of friction makes installation easier. Good mechanical strength. Flexible. Available in all colors.

### SPECIFICATIONS:

- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- UL AWM Appliance wire approvals as listed in Table 1
- CSA AWM I A/B 600 FT1 FT2
- RoHS-3 Complies with European Directive 2015/863

**Table 1 – Weights and Measurements**

| Stock Number | Cond. Size<br>AWG/Kcmil | Cond. Number<br>No. | Cond. Strands<br>strand | Insul. Thickness<br>mil | Approx. OD<br>inch | Approx. Weight<br>lb/1000ft | Temp. Rating<br>°C | Standard (UL or other)<br>Style/Type |
|--------------|-------------------------|---------------------|-------------------------|-------------------------|--------------------|-----------------------------|--------------------|--------------------------------------|
| C3183A       | 18                      | 4                   | 7/.0159                 | 13                      | 0.075              | 9                           | 200                | 1332                                 |

All dimensions are nominal and subject to normal manufacturing tolerances

◇ Cable marked with this symbol is a standard stock item

Dimensions and weights for other cable configurations are available upon request.

\*NPC Conductor required for 200°C Rating

**Table 2 – Weights and Measurements (Metric)**

| Stock Number | Cond. Size<br>AWG/Kcmil | Cond. Number<br>No. | Cond. Strands<br>strand | Insul. Thickness<br>mm | Approx. OD<br>mm | Approx. Weight<br>kg/km | Temp. Rating<br>°C | Standard (UL or other)<br>Style/Type |
|--------------|-------------------------|---------------------|-------------------------|------------------------|------------------|-------------------------|--------------------|--------------------------------------|
| C3183A       | 18                      | 4                   | 7/.0159                 | 0.33                   | 1.90             | 13                      | 200                | 1332                                 |

