



## 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:

1. **Conductor:** Stranded tinned, annealed copper per ASTM B33
2. **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 AWG/Kcmil	Cond. Strands strand	Insul. Thickness mil	Approx. OD inch	Approx. Weight lb/1000ft	Temp. Rating °C	Standard (UL or other) Style/Type
C3223Z	22*	7	13	0.055	5	200	1332
C3243Z	24*	7	13	0.060	4	200	1332
C3203Z	20*	7	13	0.065	7	200	1332
C3183A	18	7	13	0.075	9	200	1332
C3163A	16	7	13	0.085	12	200	1332
C3143A	14	7	13	0.095	16	200	1332
C3123A	12	19	13	0.115	23	200	1332
C3103A	10	37	13	0.145	33	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 AWG/Kcmil	Cond. Strands strand	Insul. Thickness mm	Approx. OD mm	Approx. Weight kg/km	Temp. Rating °C	Standard (UL or other) Style/Type
C3223Z	22*	7	0.33	1.40	7	200	1332
C3243Z	24*	7	0.33	1.52	6	200	1332
C3203Z	20*	7	0.33	1.65	10	200	1332
C3183A	18	7	0.33	1.90	13	200	1332
C3163A	16	7	0.33	2.16	18	200	1332
C3143A	14	7	0.33	2.41	24	200	1332
C3123A	12	19	0.33	2.92	34	200	1332
C3103A	10	37	0.33	3.68	49	200	1332

