FEP 200°C 600V UL 1901

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

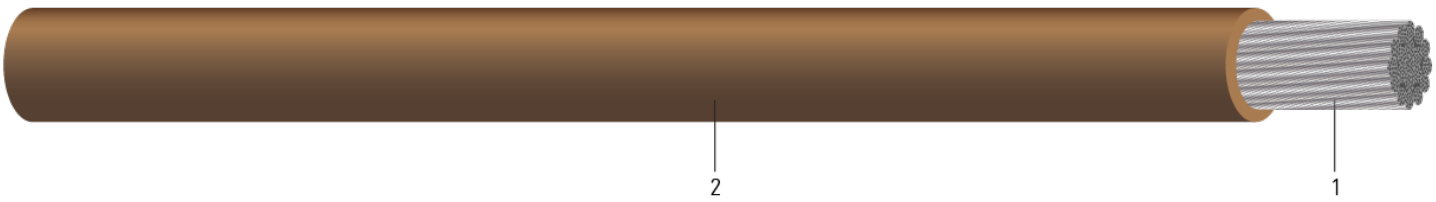

Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Stranded tinned, annealed copper per ASTM B33
2. **Insulation:** Extruded FEP fluoropolymer

APPLICATIONS AND FEATURES:

For further processing in cables. Smaller diameter than standard UL style 1330.

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

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Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Strands	Insul. Thickness	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	strand	mil	inch	lb/1000ft	°C	Style/Type
C3246X	24*	7	15	0.055	4	200	1901
C3226X	22*	7	15	0.060	5	200	1901
C3206X	20*	7	15	0.070	7	200	1901
C3186B	18	7	15	0.080	10	200	1901
C3166B	16	7	15	0.090	12	200	1901
C3146B	14	7	15	0.100	16	200	1901
C3126B	12	19	15	0.120	24	200	1901
C3106B	10	37	15	0.150	32	200	1901
C3086B	8	54	20	0.200	55	200	1901
C3066B	6	84	20	0.235	85	200	1901
C3046B	4	133	20	0.280	130	200	1901
C3026B	2	133	20	0.325	195	200	1901
C3016B	1	259	30	0.430	290	200	1901
C31T6B	1/0	259	30	0.460	320	200	1901
C32T6B	2/0	259	30	0.485	430	200	1901
C33T6B	3/0	259	30	0.545	605	200	1901
C34T6B	4/0	259	30	0.645	705	200	1901

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
TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.

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Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Strands	Insul. Thickness	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	strand	mm	mm	kg/km	°C	Style/Type
C3246X	24*	7	0.38	1.40	6	200	1901
C3226X	22*	7	0.38	1.52	7	200	1901
C3206X	20*	7	0.38	1.78	10	200	1901
C3186B	18	7	0.38	2.03	15	200	1901
C3166B	16	7	0.38	2.29	18	200	1901
C3146B	14	7	0.38	2.54	24	200	1901
C3126B	12	19	0.38	3.05	36	200	1901
C3106B	10	37	0.38	3.81	48	200	1901
C3086B	8	54	0.51	5.08	82	200	1901
C3066B	6	84	0.51	5.97	126	200	1901
C3046B	4	133	0.51	7.11	193	200	1901
C3026B	2	133	0.51	8.25	290	200	1901
C3016B	1	259	0.76	10.92	432	200	1901
C31T6B	1/0	259	0.76	11.68	476	200	1901
C32T6B	2/0	259	0.76	12.32	640	200	1901
C33T6B	3/0	259	0.76	13.84	900	200	1901
C34T6B	4/0	259	0.76	16.38	1049	200	1901

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