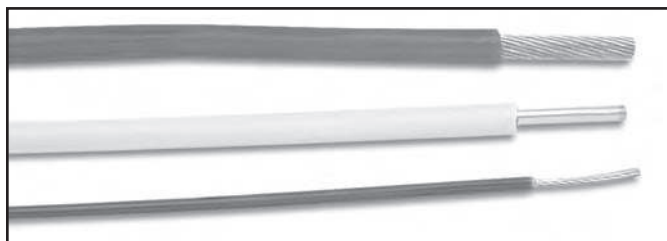


UL 1332, 1333, CSA 300V wire—extruded FEP insulation (thin wall)



Construction Details

Insulation: Extruded FEP, .013" (.33 mm) wall thickness.

Conductor: Tin-plated copper.

Colors: Available in 10 standard colors (see page 92).

Identification: Surface printed as required by UL or CSA.

Options: Silver-plated copper conductor. (When ordered with silver-plated copper conductors, all strandings are approved for 200° C under UL 1332 specifications.)

UL 1332, 1333, CSA 300V wires have thin-wall extruded FEP (Fluorinated Ethylene Polypropylene) insulation for space and weight savings. UL 1332 rates these wires for up to 200° C continuous usage.

These wires are ideal for general appliance wiring and other applications where exposure to gasoline, gasoline vapor, or oil is expected.

For heavy-wall versions of these wires, see UL 1330, UL 1331, CSA 600V wires (previous page).

Performance:

Voltage rating: 300V.

Temperature rating: UL 1332: 200° C (see note below);
UL 1333: 150° C;
CSA: 180° C (see note below).

* For tin-plated conductors, the 200° C temperature rating of UL 1332 (and CSA's 180° rating) applies only to wires with individual strand diameters .015" (26 AWG) or larger. For wires with smaller strand diameters, the temperature rating is 150° C.

Ordering Information: Specify Thermax part number, UL or CSA style, and color.

Thermax part numbers shown below meet specifications for UL 1332, 1333, and CSA styles.

For optional silver-plated conductor, change **XDXZ** in Thermax part number to **DXD**.

Dimensions, Weights, and Resistance—UL 1332, 1333; CSA 300V wires

AWG Size	Stranding	Conductor Diameter	Insulation Diameter	Weight	Maximum Resistance	Thermax P/N
10	37/.0167	.113 (2.87)	.144 (3.66)	38.5 (57.3)	1.19 (3.90)	10-XDXZ-37/0167-UL/CSA
10	37/26*	.109 (2.77)	.140 (3.56)	34.8 (51.8)	1.26 (4.13)	10-XDXZ-3726-UL
12	19/.0186	.088 (2.24)	.118 (3.00)	25.6 (38.1)	1.75 (5.74)	12-XDXZ-19/0186-UL/CSA
12	19/25*	.084 (2.13)	.114 (2.90)	22.9 (34.1)	1.92 (6.30)	12-XDXZ-1925-UL
14	19/.0147	.071 (1.80)	.101 (2.57)	16.9 (25.2)	2.95 (9.68)	14-XDXZ-19/0147-UL/CSA
14	19/27*	.067 (1.70)	.097 (2.46)	15.7 (23.4)	3.03 (9.94)	14-XDXZ-1927-UL
16	19/.0117	.056 (1.42)	.086 (2.18)	11.3 (16.8)	4.45 (14.6)	16-XDXZ-19/0117-UL/CSA
16	19/29*	.053 (1.35)	.086 (2.18)	10.8 (16.1)	4.73 (15.5)	16-XDXZ-1929-UL
18	19/30	.047 (1.19)	.079 (2.01)	8.70 (12.9)	6.03 (19.8)	18-XDXZ-1930-UL/CSA
18	7/26	.048 (1.22)	.079 (2.01)	8.46 (12.6)	6.26 (20.5)	18-XDXZ-726-UL/CSA
20	19/32	.038 (.965)	.068 (1.73)	6.04 (8.99)	9.68 (31.8)	20-XDXZ-1932-UL/CSA
20	7/28	.038 (.965)	.068 (1.73)	5.87 (8.74)	9.96 (32.7)	20-XDXZ-728-UL/CSA
20	SOLID	.032 (.813)	.061 (1.55)	5.12 (7.62)	10.1 (33.1)	20-XDXZ-120-UL/CSA
22	19/34	.030 (.762)	.060 (1.52)	4.28 (6.37)	15.2 (49.9)	22-XDXZ-1934-UL/CSA
22	7/30	.030 (.762)	.060 (1.52)	4.20 (6.25)	15.8 (51.8)	22-XDXZ-730-UL/CSA
22	SOLID	.025 (.635)	.054 (1.37)	3.65 (5.43)	16.2 (53.1)	22-XDXZ-122-UL/CSA
24	19/36	.024 (.610)	.053 (1.35)	3.07 (4.57)	25.1 (82.3)	24-XDXZ-1936-UL/CSA
24	7/32	.024 (.610)	.053 (1.35)	3.07 (4.57)	25.4 (83.3)	24-XDXZ-732-UL/CSA
24	SOLID	.020 (.508)	.049 (1.24)	2.72 (4.05)	25.7 (84.3)	24-XDXZ-124-UL/CSA
26	19/38	.019 (.483)	.048 (1.22)	2.36 (3.51)	41.0 (134)	26-XDXZ-1938-UL/CSA
26	7/34	.019 (.483)	.048 (1.22)	2.32 (3.45)	41.2 (135)	26-XDXZ-734-UL/CSA
26	SOLID	.016 (.406)	.045 (1.14)	2.09 (3.11)	41.0 (134)	26-XDXZ-126-UL/CSA

Dimensions in inches (mm). Weights in pounds/1000 feet (Kg/1000 M). Resistance in Ω/1,000 feet (Ω/Km), @20° C.

All values are nominal unless otherwise indicated. * CSA allows these strandings for electronic use only.

