

## UL 1332

## Teflon Wire 200°C 300V

## 說明

- 導體使用單條或絞線 30-10AWG 鍍銀銅或鍍金銅。
- FEP 絕緣。
- 額定溫度：200°C, 額定電壓：300V。
- 具耐熱 200°C, 耐寒性 -80°C, 耐磨損, 耐化學性, 耐溶劑性, 耐切穿性, 耐油性等。
- 可通過 UL VW-1 垂直型耐燃測試。

## 應用

- 適用於多種家用電器, 照明燈具, 電子設備, 溫度傳感等引出連接線。

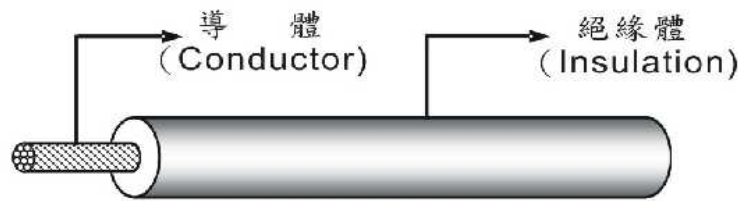
## Product Description

- Solid or stranded; tinned or silver-plated, or gold-plated copper conductor, 30-10 AWG.
- FEP Insulation .
- Rated Temperature: 200°C; Rated Voltage: 300V.
- Resistant to heat 200°C, cold -80°C, abrasion, chemical solvents, high voltage spikes, oil, etc.,
- Passes UL VW-1 Vertical Flame Test.

## Applications

- Fit for fixed internal wiring of household appliances, headlamps, mechanical and electrical machinery, etc.

## 構造及電氣性能 (Structure &amp; electrical properties)



| UL 1332       | 額定 Range   |              | 導體 Conductor |           | 絕緣體 Insulation  |           | 公差值 Tolerance mm | 最大導體阻抗 Maximum Conductor Resistance Ω/km | 絕緣耐電壓 (VAC/min) Insulation Potential Strength |
|---------------|------------|--------------|--------------|-----------|-----------------|-----------|------------------|------------------------------------------|-----------------------------------------------|
|               | 溫度 Temp °C | 電壓 Voltage V | 線號 AWG       | 構成 NO./mm | 厚度 Thickness mm | 外徑 O.D mm |                  |                                          |                                               |
| 絞線 (Stranded) | 200°C      | 300V         | 30           | 7/0.100   | 0.33            | 1.00      | ±0.10            | 397                                      | 2000                                          |
|               |            |              | 28           | 7/0.127   | 0.33            | 1.05      | ±0.10            | 248                                      |                                               |
|               |            |              | 26           | 7/0.160   | 0.33            | 1.15      | ±0.10            | 152                                      |                                               |
|               |            |              | 24           | 7/0.200   | 0.33            | 1.30      | ±0.10            | 88.6                                     |                                               |
|               |            |              | 22           | 7/0.254   | 0.33            | 1.45      | ±0.10            | 62.5                                     |                                               |
|               |            |              | 20           | 7/0.320   | 0.33            | 1.65      | ±0.10            | 39.5                                     |                                               |
|               |            |              | 18           | 7/0.400   | 0.33            | 1.90      | ±0.10            | 24.4                                     |                                               |
|               |            |              | 16           | 7/0.500   | 0.33            | 2.30      | ±0.10            | 15.6                                     |                                               |
|               |            |              | 14           | 19/0.370  | 0.33            | 2.65      | ±0.15            | 9.90                                     |                                               |
|               |            |              | 12           | 19/0.480  | 0.33            | 3.40      | ±0.15            | 6.24                                     |                                               |
|               |            |              | 10           | 19/0.600  | 0.33            | 4.10      | ±0.20            | 4.15                                     |                                               |
| 單線 (Solid)    | 200°C      | 300V         | 30           | 1/0.254   | 0.33            | 0.95      | ±0.10            | 377                                      | 2000                                          |
|               |            |              | 28           | 1/0.320   | 0.33            | 1.00      | ±0.10            | 232.1                                    |                                               |
|               |            |              | 26           | 1/0.404   | 0.33            | 1.10      | ±0.10            | 155                                      |                                               |
|               |            |              | 24           | 1/0.500   | 0.33            | 1.20      | ±0.10            | 92.4                                     |                                               |
|               |            |              | 22           | 1/0.643   | 0.33            | 1.30      | ±0.10            | 60.1                                     |                                               |
|               |            |              | 20           | 1/0.813   | 0.33            | 1.50      | ±0.10            | 37.0                                     |                                               |