**UL 1007 Hook-Up Wire 80〫C 300V PVC**

Conductor

Insulation

**Construction:**

**Product Description:**

* Tinned, annedled, stranded or solid copper conductor, 32-16 AWG
* Color-coded PVC insulation
* Rated temperature:80。C. Rated voltage:300 volts
* Passes ULVW-1&CSA FT1 vertical flame test. OS-1 is available
* Uniform thickness of wire to ensure east stripping and cutting
* Resisitant to acids, oils, alkalies, moisture and fungus

**◎說明**

* 導體使用單條或絞線32-16AWG裸現或鍍錫銅
* PVC絕緣
* 額定溫度:80。C額定電壓:300 Volts
* 可通過UL VW-1及CSA FT1，垂直耐燃測試
* 使用標準厚度，易剝，截斷容易
* 具抗酸鹼，耐油性，防濕，防黴等特性

**Stranded 絞線**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Conductor | InsulationThickness | OverallDiameter | Standard Put Up | ConductorResistance at 20。C |
| AWG | No./mm | (mm) | (mm) | (ft/coil) | (M/Coil) | Ohm/kft |
| 30 | 7/0.102 | 0.41 | 1.10±0.10 | 2000 | 610 | 114.40 |
| 28 | 7/0.127 | 0.41 | 1.20±0.10 | 2000 | 610 | 72.00 |
| 26 | 7/0.160 | 0.41 | 1.30±0.10 | 2000 | 610 | 45.20 |
| 24 | 11/0.160 | 0.41 | 1.40±0.10 | 2000 | 610 | 29.30 |
| 22 | 17/0.160 | 0.41 | 1.60±0.10 | 2000 | 610 | 16.70 |
| 20 | 21/0/180 | 0.41 | 1.80±0.10 | 2000 | 610 | 10.50 |
| 18 | 34/0.180 | 0.41 | 2.10±0.10 | 2000 | 610 | 6.64 |
| 16 | 26/0.254 | 0.41 | 2.40±0.10 | 2000 | 610 | 4.18 |

**Top- coated 先絞後鍍**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Conductor | InsulationThickness | OverallDiameter | Standard Put Up | ConductorResistance at 20。C |
| AWG | No./mm | (mm) | (mm) | (ft/coil) | (M/Coil) | Ohm/kft |
| 26 | 7/0.160 | 0.41 | 1.30±0.10 | 2000 | 610 | 42.60 |
| 24 | 7/0.203 | 0.41 | 1.40±0.10 | 2000 | 610 | 26.20 |
| 22 | 7/0.254 | 0.41 | 1.60±0.10 | 2000 | 610 | 16.70 |
| 20 | 11/0.320 | 0.41 | 1.80±0.10 | 2000 | 610 | 10.40 |
| 18 | 17/0.404 | 0.41 | 2.10±0.10 | 2000 | 610 | 7.06 |
| 16 | 21/0.488 | 0.41 | 2.30±0.10 | 2000 | 610 | 4.82 |

**Solid 單線**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Conductor | InsulationThickness | OverallDiameter | Standard Put Up | ConductorResistance at 20。C |
| AWG | No./mm | (mm) | (mm) | (ft/coil) | (M/Coil) | Ohm/kft |
| 26 | 1/0.404 | 0.41 | 1.25±0.10 | 2000 | 610 | 43.53 |
| 24 | 1/0.511 | 0.41 | 1.35±0.10 | 2000 | 610 | 27.25 |
| 22 | 1/0.643 | 0.41 | 1.50±0.10 | 2000 | 610 | 16.50 |
| 20 | 1/0.813 | 0.41 | 1.65±0.10 | 2000 | 610 | 10.30 |
| 18 | 1/1.024 | 0.41 | 1.85±0.10 | 2000 | 610 | 6.52 |
| 16 | 1/1.290 | 0.41 | 2.15±0.10 | 2000 | 610 | 4.10 |