

# PVC Insulated material

## Style UL21014 Hook-up Wire

Internal wiring of Appliances; or where exposed to oil at a temperature not exceeding 80 °C  
Whichever is applicable, The most popular hookup wire for Electric.

### Description:

Rated temperature 80°C, Voltage 300V

Conductor: The tinned or bare stranded copper

Insulation: PVC

Shield: The tinned copper braided or wrap

Jacket: PVC

RoHS Compliant



### Specification:

| Conductor |           |          |         | Insulation     |              | Shield thickness<br>mm | Jacket thickness |         | Overall Dia. |         | Max. Resistance | Pack-<br>age |
|-----------|-----------|----------|---------|----------------|--------------|------------------------|------------------|---------|--------------|---------|-----------------|--------------|
| Cores No. | Gauge AWG | NO. / mm | Dia. mm | Nom. Thick. mm | Nom. Dia. mm |                        | AVG. mm          | Min. mm | AVG. mm      | Min. mm | At 20°C Ohm/km  | Ft/roll      |
| 2         | 26        | 7/0.16   | 0.48    | 0.40           | 1.28         | 0.20                   | 0.76             | 0.61    | 4.51         | 4.16    | 150             | 1000         |
| 2         | 24        | 11/0.16  | 0.61    | 0.40           | 1.41         | 0.20                   | 0.76             | 0.61    | 4.76         | 4.41    | 94.2            | 1000         |
| 2         | 22        | 17/0.16  | 0.76    | 0.40           | 1.56         | 0.20                   | 0.76             | 0.61    | 5.06         | 4.71    | 59.4            | 1000         |
| 2         | 20        | 26/0.16  | 0.95    | 0.40           | 1.75         | 0.20                   | 0.76             | 0.61    | 5.44         | 5.09    | 36.7            | 1000         |
| 3         | 26        | 7/0.16   | 0.48    | 0.40           | 1.28         | 0.20                   | 0.76             | 0.61    | 4.54         | 4.19    | 150             | 1000         |
| 3         | 24        | 11/0.16  | 0.61    | 0.40           | 1.41         | 0.20                   | 0.76             | 0.61    | 4.81         | 4.46    | 94.2            | 1000         |
| 3         | 22        | 17/0.16  | 0.76    | 0.40           | 1.56         | 0.20                   | 0.76             | 0.61    | 5.11         | 4.76    | 59.4            | 1000         |
| 3         | 20        | 26/0.16  | 0.95    | 0.40           | 1.75         | 0.20                   | 0.76             | 0.61    | 5.51         | 5.16    | 36.7            | 1000         |
| 4         | 28        | 7/0.127  | 0.38    | 0.40           | 1.18         | 0.20                   | 0.76             | 0.61    | 4.71         | 4.36    | 239             | 1000         |
| 4         | 26        | 7/0.16   | 0.48    | 0.40           | 1.28         | 0.20                   | 0.76             | 0.61    | 4.96         | 4.61    | 150             | 1000         |
| 5         | 28        | 7/0.127  | 0.38    | 0.40           | 1.18         | 0.20                   | 0.76             | 0.61    | 5.06         | 4.71    | 239             | 1000         |
| 5         | 26        | 7/0.16   | 0.48    | 0.40           | 1.28         | 0.20                   | 0.76             | 0.61    | 5.31         | 4.96    | 150             | 1000         |
| 6         | 28        | 7/0.127  | 0.38    | 0.40           | 1.18         | 0.20                   | 0.76             | 0.61    | 5.36         | 5.01    | 239             | 1000         |
| 6         | 26        | 7/0.16   | 0.48    | 0.40           | 1.28         | 0.20                   | 0.76             | 0.61    | 5.62         | 5.27    | 150             | 1000         |
| 7         | 28        | 7/0.127  | 0.38    | 0.40           | 1.18         | 0.20                   | 0.76             | 0.61    | 5.61         | 5.26    | 239             | 1000         |
| 7         | 26        | 7/0.16   | 0.48    | 0.40           | 1.28         | 0.20                   | 0.76             | 0.61    | 5.93         | 5.58    | 150             | 1000         |

### Order reference:

1. Marking and shield-percent <Optional>
2. Single wire conductor tolerance:  $\pm 0.005$  mm
3. Colors available: black, white, red, yellow, green, blue, brown, gray, violet
4. Delivery : 7 days after accepting purchase orders.