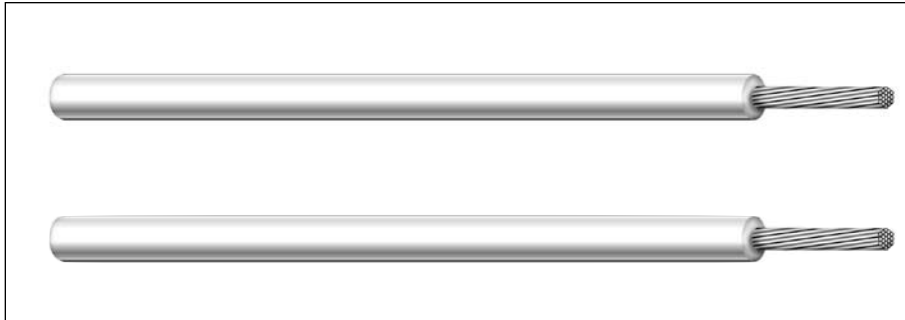


# Hook-Up Wire

1



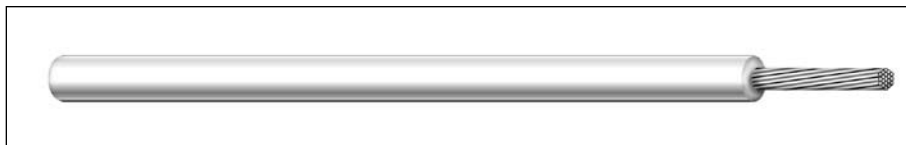
Most applications of hook-up and lead wire for board-to-board or point-to-point wiring rely on PVC-insulated designs.

General Cable's Carol® Brand products offer both electrical and electronic designers a vast array of quality PVC hook-up wire to meet the specific technical demands of today, with "off-the-shelf" distributor inventoried products.

Hook-up wire is also available in special colors and/or stripe combinations with a minimum of lead time. In addition, General Cable offers a variety of put-ups to meet individual customer requirements.

| Index                                          | Page |
|------------------------------------------------|------|
| UL 1007, UL 1569,<br>CSA TR-64                 | 2    |
| UL 1015, CSA TEW                               | 3    |
| MIL-W-76B                                      | 4    |
| UL Types MTW, TFF,<br>AWM & CSA TEW            | 5    |
| Heavy Wall UL Types MTW,<br>AWM & NEC Type THW | 6    |
| Rubber/PVC/Polyethylene                        | 7    |

# UL 1007, UL 1569, CSA TR-64



| CATALOG<br>NUMBER | AWG<br>SIZE | COND.<br>STRAND | NOM. INSULATION<br>THICKNESS |    | NOMINAL O.D. |    |
|-------------------|-------------|-----------------|------------------------------|----|--------------|----|
|                   |             |                 | INCHES                       | mm | INCHES       | mm |

## SOLID CONDUCTORS

|               |    |       |       |      |       |      |
|---------------|----|-------|-------|------|-------|------|
| <b>C2003A</b> | 24 | Solid | 0.016 | 0.41 | 0.052 | 1.32 |
| <b>C2004A</b> | 22 | Solid | 0.016 | 0.41 | 0.057 | 1.45 |
| <b>C2028A</b> | 20 | Solid | 0.016 | 0.41 | 0.064 | 1.63 |
| <b>C2052A</b> | 18 | Solid | 0.016 | 0.41 | 0.072 | 1.83 |
| <b>C2053A</b> | 16 | Solid | 0.016 | 0.41 | 0.083 | 2.11 |

## STRANDED CONDUCTORS

|               |    |       |       |      |       |      |
|---------------|----|-------|-------|------|-------|------|
| <b>C2015A</b> | 24 | 7/32  | 0.016 | 0.41 | 0.056 | 1.42 |
| <b>C2016A</b> | 22 | 7/30  | 0.016 | 0.41 | 0.062 | 1.57 |
| <b>C2040A</b> | 20 | 10/30 | 0.016 | 0.41 | 0.070 | 1.78 |
| <b>C2064A</b> | 18 | 16/30 | 0.016 | 0.41 | 0.080 | 2.03 |
| <b>C2065A</b> | 16 | 26/30 | 0.016 | 0.41 | 0.092 | 2.34 |

## Color Code Chart

| ORDERING<br>SUFFIX | COLORS | ORDERING<br>SUFFIX | COLORS |
|--------------------|--------|--------------------|--------|
| <b>01</b>          | Black  | <b>06</b>          | Green  |
| <b>02</b>          | White  | <b>07</b>          | Blue   |
| <b>03</b>          | Red    | <b>08</b>          | Brown  |
| <b>04</b>          | Orange | <b>10</b>          | Gray   |
| <b>05</b>          | Yellow | <b>19</b>          | Violet |

Striped combinations available upon request; consult Customer Service.

## Product Construction:

### Conductor:

- 24 thru 16 AWG
- Fully annealed tinned copper per ASTM B-33
- Solid or stranded

### Insulation:

- Premium-grade, color-coded PVC
- Temperature range: -20°C to +105°C
- Color code: See chart below

## Applications:

- Internal wiring of electrical and electronic equipment
- Internal wiring of panels and meters
- Point-to-point wiring
- Suggested voltage rating: 300 volts

## Compliances:

- UL Style 1007 – 80°C, 300V
- UL Style 1569 – 105°C, 300V
- CSA TR-64 – 90°C, 300V
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL VW-1 Vertical Wire Flame Test

## Packaging:

- Please contact Customer Service for packaging and color options