

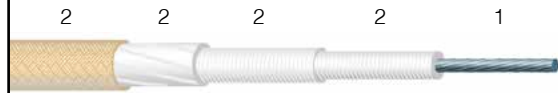
# SILICABLE® 250°C

Composite insulated wires

- Max operating temp. +250°C
- 300 V / 600 V
- Good resistance to thermal shock
- Good resistance to oxidization

- Construction**
- 1 - Stranded or solid nickel plated copper or pure nickel conductor
  - 2 - Composite insulation: PTFE tape(s) and/or fiberglass lappings + fiberglass braid

- Approvals - standards**
- Compliance UL/cUL file E101965
  - RoHS Compliant



Use: High temperature appliances wiring material

**Standard products**

Color coding = single color, or color stripes  
Surface marking

| Voltage  | 300 V           |                                  | 600 V           |                                  |
|----------|-----------------|----------------------------------|-----------------|----------------------------------|
| UL       | 5257            |                                  | 5256 / 5196     |                                  |
| cUL      | AWM I A/B       |                                  | AWM I A/B       |                                  |
| AWG Size | Nominal OD (in) | Approx. linear weight (lbs./mft) | Nominal OD (in) | Approx. linear weight (lbs./mft) |
| 24       | .055            | 4.2                              | .063            | 5.0                              |
| 22       | .059            | 5.9                              | .067            | 6.7                              |
| 20       | .067            | 8.9                              | .083            | 10.8                             |
| 18       | .083            | 13.9                             | .091            | 15.1                             |
| 16       | .102            | 20.8                             | .110            | 22.1                             |
| 14       | .118            | 32.3                             | .126            | 33.9                             |
| 12       | .138            | 47.6                             | .146            | 49.4                             |
| 10       | .169            | 72.2                             | .177            | 74.4                             |
| 8        | .221            | 124                              | .228            | 126                              |
| 6        | .276            | 196                              | .284            | 199                              |
| 4        | .323            | 323                              | .331            | 327                              |
| 2        | .394            | 498                              | .402            | 503                              |
| 1        | -               | -                                | .488            | 707                              |
| 1/0      | -               | -                                | .532            | 871                              |
| 2/0      | -               | -                                | .583            | 1,085                            |
| 3/0      | -               | -                                | .634            | 1,324                            |
| 4/0      | -               | -                                | .701            | 1,621                            |

|               |                  |
|---------------|------------------|
| Flame ratings | Horizontal / FT2 |
|---------------|------------------|

Other style nos. available: please consult our complete list of UL approved styles (pages 92 to 96)  
Further information concerning conducting metal: please consult our complete list of UL approved styles (pages 92 to 96)  
■ UL approved only