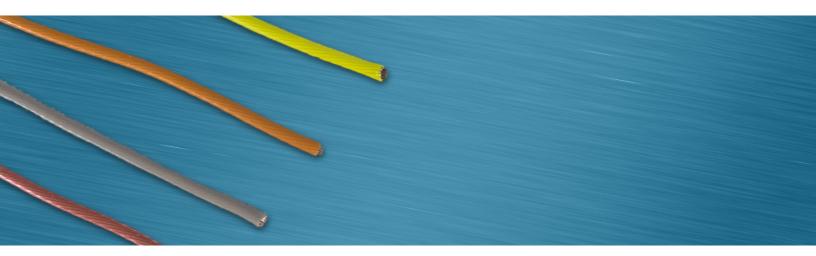


ThermoThin Hook-Up Wire

Smaller. Lighter. Tougher.



Alpha Wire's updated version of the popular ThermoThin line combines maximum performance in an exceptionally small and lightweight construction. ThermoThin is most suited for use in oil and gas, semiconductor, industrial and military industries.

Extreme Temperature Resistance

ThermoThin is uniquely designed to withstand temperatures from -150°C to +300°C to tackle your most demanding applications.

Space-Saving Construction

Up to 35% smaller in diameter than PTFE options, ThermoThin offers an ideal solution when space is at a premium.

Environmental Resistance

Excellent sun, water and chemical resistance ensures consistent performance even when these hazards are present.

Specifications

Temperature Range

· -150 °C to +300 °C

Voltage

· 600V

- Colors
- BlackOrange
- White
- Yellow
- Brown
- Red
- BlueGreen
- Additional Colors Available

AWG

• 16 – 36 AWG

Lengths

• Available in continuous lengths of 100 and 1000ft

Approvals and Ratings

- UL AWM/STYLE 11905 or AWM/STYLE 11540 (30 AWG and Larger)
- Sunlight Resistant
- Chemical Resistant
- \cdot Water Resistant
- RoHS and REACH
 Compliant

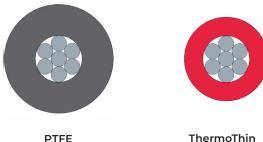
Materials

- Nickel-plated copper conductor
- Fluoroplastic insulation

Specifications

| Part No. | Wire Size | | Stranding | | Insulation Thickness | | Outer Diameter | |
|----------|-----------|-------|-----------|----------|-------------------------|------|----------------|-------|
| | AWG | mm² | AWG | mm² | AWG | mm | Inches | mm |
| 2636 | 36 | 0.013 | Solid | | 0.006 | 0.15 | 0.017 | 0.430 |
| 2634 | 34 | 0.020 | Solid | | 0.006 | 0.15 | 0.018 | 0.460 |
| 2632 | 32 | 0.032 | Solid | | 0.006 | 0.15 | 0.020 | 0.510 |
| 2630 | 30 | 0.057 | 7/38 | 7/0.102 | 0.006 | 0.15 | 0.024 | 0.610 |
| 2628 | 28 | 0.089 | 7/36 | 7/0.127 | 0.006 | 0.15 | 0.027 | 0.690 |
| 2626 | 26 | 0.154 | 19/38 | 19/0.102 | 0.007 | 0.18 | 0.033 | 0.840 |
| 2624 | 24 | 0.241 | 19/36 | 19/0.127 | 0.007 | 0.18 | 0.038 | 0.970 |
| 2622 | 22 | 0.382 | 19/34 | 19/0.16 | 0.007 | 0.18 | 0.044 | 1.120 |
| 2620 | 20 | 0.616 | 19/32 | 19/0.203 | 0.007 | 0.18 | 0.052 | 1.320 |
| 2618 | 18 | 0.963 | 19/30 | 19/0.254 | 0.007 | 0.18 | 0.061 | 1.550 |
| 2616 | 16 | 1.320 | 19/0.0117 | 19/0.297 | 0.007 | 0.18 | 0.070 | 1.780 |

600V 28 AWG Comparison



PTFEThermoThinOD: 0.035"OD: 0.027"Insulation Thickness: 0.010"Insulation Thickness: 0.006"



Interested in learning more?

Visit www.alphawire.com/Products/Wire/Hook-Up-Wire/ThermoThin or call 1-800-52-ALPHA

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