

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

Black
Orange
White
Yellow
Brown
Red
Blue
Green

Additional Colors Available

AWG

16 – 36 AWG

Lengths

Available in continuous lengths of 100 and 1000ft

Approvals and Ratings

UL AWM 11905 (30 AWG and Larger)
Sunlight Resistant
Chemical Resistant
Water Resistant
RoHS and REACH Compliant

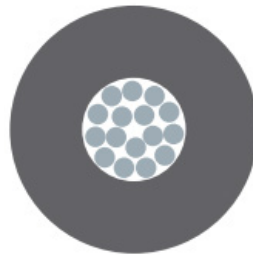
Materials

Nickel-plated copper conductor
PFA insulation

Specifications

| Part No. | Wire Size | | Stranding | | Insulation Thickness | | Outer Diameter | |
|----------|-----------|-----------------|-----------|-----------------|----------------------|------|----------------|-------|
| | AWG | mm ² | AWG | mm ² | in | mm | in | 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



PTFE

OD: 0.035"

Insulation Thickness: 0.010"



ThermoThin

OD: 0.027"

Insulation Thickness: 0.006"



Interested in learning more?

Visit www.alphawire.com/Products/ThermoThin

or call **1-800-52-ALPHA**

The cables you trust. The service you deserve.

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