

# Single Strand PFA Insulated Fine Gauge Thermocouple Wire

TF Series Starts at **£10.75**  
15 m Reel

**Order Matching Pairs!**  
Two, 15 m (50') Reels: £21.50



**Stranded Version Available from Stock**



0.076 mm PFA wall for sizes 0.25 mm and smaller wire. 0.2 mm wall for larger sizes.

OMEGA's thin-wall covering process guarantees continuous lengths up to 300 m

- ✓ Single Strand
- ✓ Extruded PFA
- ✓ Colour Coded
- ✓ Excellent in a Vacuum
- ✓ Non-Flammable
- ✓ Available in 15 m and 30 m Reels for Convenient Small Quantity Needs

| Price Table |                      |              |
|-------------|----------------------|--------------|
| Reel Size   | Price 0.08 to 0.51mm | Price 0.81mm |
| 15 m        | £10.75               | £28.00       |
| 30 m        | 19.50                | 49.00        |
| 150 m       | 80.00                | 139.00       |
| 300 m       | 159.00               | 279.00       |

| Discount Schedule |                      |
|-------------------|----------------------|
| 1 to 10 reels     | ÉÉÉÉÉÉÉÉÉÉÉÉÉÉÉÉ Net |
| 11 to 24 reels    | ÉÉÉÉÉÉÉÉÉÉÉÉÉÉÉÉ 10% |
| 25 to 49 reels    | ÉÉÉÉÉÉÉÉÉÉÉÉÉÉÉÉ 15% |
| 50 reels and up   | ÉÉÉÉÉÉÉÉÉÉÉÉÉÉÉÉ 25% |

**Note:** Published prices are based on market value at time of printing and are subject to change due to Nickel surcharges, Chromium and precious-metal market fluctuations.

PFA Insulated Single Strand

Shown smaller than actual size.

  **MOST POPULAR MODELS HIGHLIGHTED!**

| To Order (Specify Model Number) |                      |                  |                            |              |                  |  |
|---------------------------------|----------------------|------------------|----------------------------|--------------|------------------|--|
| Alloy/IEC Colour Code           | Nominal Wire Dia. mm | Model No.        | Alloy/IEC Colour Code      | Wire Dia. mm | Model No.        |  |
| J<br>Iron/<br>Black             | 0.08                 | IEC-TFIR-003-(*) | E<br>CHROMEQA™/<br>Purple  | 0.08         | TFCH-003-(*)     |  |
|                                 | 0.13                 | IEC-TFIR-005-(*) |                            | 0.13         | TFCH-005-(*)     |  |
|                                 | 0.25                 | IEC-TFIR-010-(*) |                            | 0.25         | TFCH-010-(*)     |  |
|                                 | 0.38                 | IEC-TFIR-015-(*) |                            | 0.38         | TFCH-015-(*)     |  |
|                                 | 0.51                 | IEC-TFIR-020-(*) |                            | 0.51         | TFCH-020-(*)     |  |
|                                 | 0.81                 | IEC-TFIR-032-(*) |                            | 0.81         | TFCH-032-(*)     |  |
| K<br>Constantan†/<br>White      | 0.08                 | IEC-TFCI-003-(*) | E<br>Constantan†/<br>White | 0.08         | IEC-TFCC-003-(*) |  |
|                                 | 0.13                 | IEC-TFCI-005-(*) |                            | 0.13         | IEC-TFCC-005-(*) |  |
|                                 | 0.25                 | IEC-TFCI-010-(*) |                            | 0.25         | IEC-TFCC-010-(*) |  |
|                                 | 0.38                 | IEC-TFCI-015-(*) |                            | 0.38         | IEC-TFCC-015-(*) |  |
|                                 | 0.51                 | IEC-TFCI-020-(*) |                            | 0.51         | IEC-TFCC-020-(*) |  |
|                                 | 0.81                 | IEC-TFCI-032-(*) |                            | 0.81         | IEC-TFCC-032-(*) |  |
| T<br>Copper/<br>Brown           | 0.08                 | IEC-TFCP-003-(*) | K<br>CHROMEQA™/<br>Green   | 0.08         | IEC-TFCY-003-(*) |  |
|                                 | 0.13                 | IEC-TFCP-005-(*) |                            | 0.13         | IEC-TFCY-005-(*) |  |
|                                 | 0.25                 | IEC-TFCP-010-(*) |                            | 0.25         | IEC-TFCY-010-(*) |  |
|                                 | 0.38                 | IEC-TFCP-015-(*) |                            | 0.38         | IEC-TFCY-015-(*) |  |
|                                 | 0.51                 | IEC-TFCP-020-(*) |                            | 0.51         | IEC-TFCY-020-(*) |  |
|                                 | 0.81                 | IEC-TFCP-032-(*) |                            | 0.81         | IEC-TFCY-032-(*) |  |
| K<br>Constantan†/<br>White      | 0.08                 | IEC-TFCC-003-(*) | K<br>ALOMEGA™/<br>White    | 0.08         | IEC-TFAL-003-(*) |  |
|                                 | 0.13                 | IEC-TFCC-005-(*) |                            | 0.13         | IEC-TFAL-005-(*) |  |
|                                 | 0.25                 | IEC-TFCC-010-(*) |                            | 0.25         | IEC-TFAL-010-(*) |  |
|                                 | 0.38                 | IEC-TFCC-015-(*) |                            | 0.38         | IEC-TFAL-015-(*) |  |
|                                 | 0.51                 | IEC-TFCC-020-(*) |                            | 0.51         | IEC-TFAL-020-(*) |  |
|                                 | 0.81                 | IEC-TFCC-032-(*) |                            | 0.81         | IEC-TFAL-032-(*) |  |

† Constantan is matched to either IRON, copper or CHROMEQA™. When ordering "matched pairs," be sure to specify TFCI with TFIR, TFCC with TFCP, or TFCY with TFCC.

\* Insert standard length 15 m, 30 m, 150 or 300 m.

Ordering Example: IEC-TFCY-003-30M, 30 m reel of green 0.08 mm diameter CHROMEQA™ wire, and matching IEC-TFAL-003-30M, 30 m reel of white 0.08 mm ALOMEGA™ wire, £19.50 + 19.50 = £39.

WIRE



#### UNITED STATES

[www.omega.com](http://www.omega.com)

1-800-TC-OMEGA

Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)

Laval(Quebec)

1-800-TC-OMEGA

#### GERMANY

[www.omega.de](http://www.omega.de)

Deckenpfronn, Germany

0800-8266342

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)

Manchester, England

0800-488-488

#### FRANCE

[www.omega.fr](http://www.omega.fr)

088-466-342

#### CZECH REPUBLIC

[www.omegaeng.cz](http://www.omegaeng.cz)

Karviná, Czech Republic

596-311-899

#### BENELUX

[www.omega.nl](http://www.omega.nl)

0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

### • Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

### • pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

### • Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

### • Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

### • Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters