

Thermocouple Wire

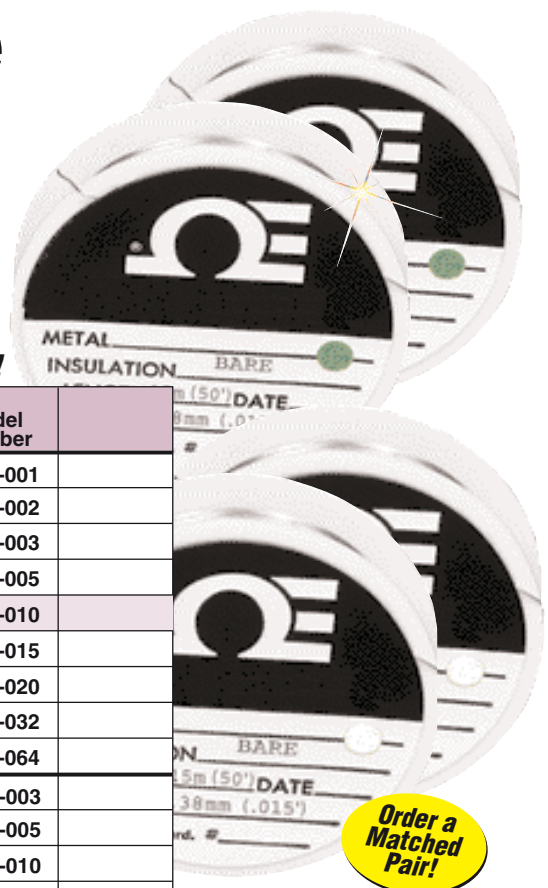
Fine Diameter Base Metal

In order to meet the immediate needs of science and industry for highest quality thermocouple wire in practical quantities at reasonable prices, OMEGA® makes available thermocouple materials in a variety of wire sizes. The wire is supplied uninsulated on standard 75 mm diameter plastic reels in continuous 15 m lengths.

Sizes range from 0.013 to 3.25 mm diameter. The wire is supplied as single conductors or in matched pairs to meet standard limits of error. Other wire sizes and quantities are available on special request.

Uninsulated Base Metal Thermocouple Wire

MOST POPULAR MODELS HIGHLIGHTED!



Shown smaller than actual size.

Longer lengths available. Please consult Sales.

Discount Schedule

1 to 10 reels	Net
11 to 24 reels	10%
25 to 49 reels	15%
50 reels and up	20%

* There are two forms of Constantan. Each form is composed of the same elements, but the percentages (%) of constituent elements differ. One is matched to Iron. The other can be matched to Copper or CHROMEPA™. When ordering matched pairs, be sure to specify SPCI with SPIR and SPCP with SPCP or SPCH.

Ordering Example:
SPCH-020-50, 15 m, Type K CHROMEPA™ wire, 0.5 mm dia., and SPCP-020-50, 15 m, Type T Copper wire, 0.5 mm,

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.

Material	Wire Dia. mm	Model Number	Material	Wire Dia. mm	Model Number	
J Iron	0.02	SPIR-001	T Copper	0.02	SPCP-001	
	0.05	SPIR-002		0.05	SPCP-002	
	0.07	SPIR-003		0.07	SPCP-003	
	0.013	SPIR-005		0.013	SPCP-005	
	0.25	SPIR-010		0.25	SPCP-010	
	0.38	SPIR-015		0.38	SPCP-015	
	0.5	SPIR-020		0.5	SPCP-020	
	0.8	SPIR-032		0.8	SPCP-032	
J Constantan*	1.6	SPIR-064	N OMEGA-P™ (Nicrosil)	1.6	SPCP-064	
	0.02	SPCI-001		0.07	SPOP-003	
	0.05	SPCI-002		0.013	SPOP-005	
	0.07	SPCI-003		0.25	SPOP-010	
	0.013	SPCI-005		0.5	SPOP-020	
	0.25	SPCI-010		0.8	SPOP-032	
	0.38	SPCI-015		N OMEGA-N™ (Nisil)	0.07	SPON-003
	0.5	SPCI-020			0.013	SPON-005
0.8	SPCI-032	0.25	SPON-010			
1.6	SPCI-064	0.5	SPON-020			
K CHROMEPA™	0.013	SPCH-0005	0.8		SPON-032	
	0.02	SPCH-001	E CHROMEPA™		0.013	SPCH-0005
	0.05	SPCH-002			0.02	SPCH-001
	0.07	SPCH-003			0.05	SPCH-002
	0.13	SPCH-005		0.07	SPCH-003	
	0.25	SPCH-010		0.13	SPCH-005	
	0.38	SPCH-015		0.25	SPCH-010	
	0.5	SPCH-020		0.38	SPCH-015	
	0.8	SPCH-032		0.5	SPCH-020	
	1.6	SPCH-064		0.8	SPCH-032	
3.3	SPCH-128	1.6		SPCH-064		
K ALOMEGA™	0.013	SPAL-0005	3.3	SPCH-128		
	0.02	SPAL-001	E Constantan*	0.013	SPCC-0005	
	0.05	SPAL-002		0.02	SPCC-001	
	0.07	SPAL-003		0.05	SPCC-002	
	0.13	SPAL-005		0.07	SPCC-003	
	0.25	SPAL-010		0.13	SPCC-005	
	0.38	SPAL-015		0.25	SPCC-010	
	0.5	SPAL-020		0.38	SPCC-015	
	0.8	SPAL-032		0.5	SPCC-020	
	1.6	SPAL-064		0.8	SPCC-032	
3.3	SPAL-128	1.6		SPCC-064		
T Constantan*	0.013	SPCC-0005				
	0.02	SPCC-001				
	0.05	SPCC-002				
	0.07	SPCC-003				
	0.13	SPCC-005				
	0.25	SPCC-010				
	0.38	SPCC-015				
	0.5	SPCC-020				
	0.8	SPCC-032				
	1.6	SPCC-064				

omega.co.uk[®]

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

www.omega.co.uk



UNITED STATES

www.omega.com

1-800-TC-OMEGA

Stamford, CT.

CANADA

www.omega.ca

Laval(Quebec)

1-800-TC-OMEGA

GERMANY

www.omega.de

Deckenpfronn, Germany

0800-8266342

UNITED KINGDOM

www.omega.co.uk

Manchester, England

0800-488-488

FRANCE

www.omega.fr

088-466-342

CZECH REPUBLIC

www.omegaeng.cz

Karviná, Czech Republic

596-311-899

BENELUX

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