

Thermocouple Wire

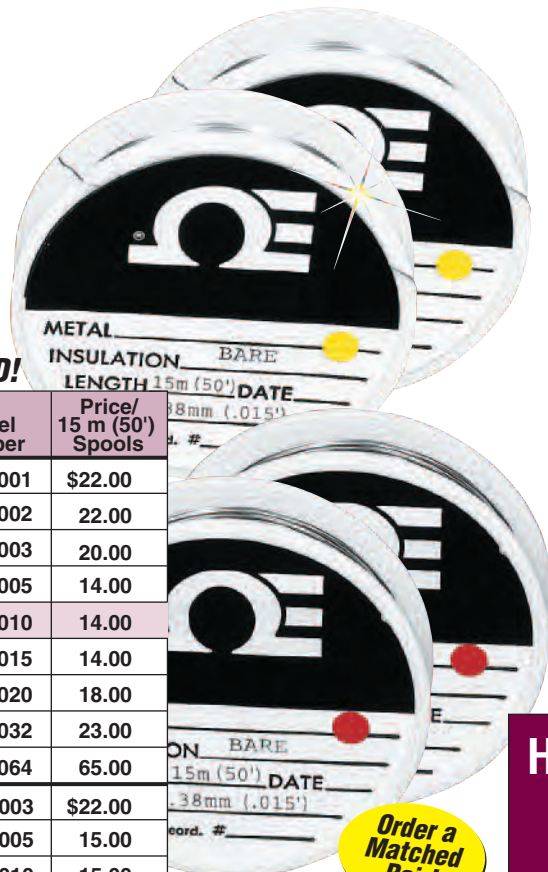
Fine Diameter Base Metal

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 76 mm (3") diameter plastic spools in continuous 15 m (50') lengths. Sizes range from 0.013 to 3.25 mm (0.0005 to 0.128") diameter. The wire is supplied as single legs 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!

Material	Wire Dia. mm (in)	Model Number	Price/ 15 m (50') Spools	Material	Wire Dia. mm (in)	Model Number	Price/ 15 m (50') Spools
J Iron	0.02 (0.001)	SPIR-001	\$22.00	T Copper	0.02 (0.001)	SPCP-001	\$22.00
	0.05 (0.002)	SPIR-002	22.00		0.05 (0.002)	SPCP-002	22.00
	0.07 (0.003)	SPIR-003	20.00		0.07 (0.003)	SPCP-003	20.00
	0.13 (0.005)	SPIR-005	14.00		0.13 (0.005)	SPCP-005	14.00
	0.25 (0.010)	SPIR-010	14.00		0.25 (0.010)	SPCP-010	14.00
	0.38 (0.015)	SPIR-015	14.00		0.38 (0.015)	SPCP-015	14.00
	0.5 (0.020)	SPIR-020	18.00		0.5 (0.020)	SPCP-020	18.00
	0.8 (0.032)	SPIR-032	23.00		0.8 (0.032)	SPCP-032	23.00
1.6 (0.064)	SPIR-064	65.00	1.6 (0.064)	SPCP-064	65.00		
J Constantan*	0.02 (0.001)	SPCI-001	\$22.00	N OMEGA-P® (Nicrosil)	0.07 (0.003)	SPOP-003	\$22.00
	0.05 (0.002)	SPCI-002	22.00		0.13 (0.005)	SPOP-005	15.00
	0.07 (0.003)	SPCI-003	20.00		0.25 (0.010)	SPOP-010	15.00
	0.13 (0.005)	SPCI-005	14.00		0.5 (0.020)	SPOP-020	25.00
	0.25 (0.010)	SPCI-010	14.00		0.8 (0.032)	SPOP-032	30.00
	0.38 (0.015)	SPCI-015	14.00		0.07 (0.003)	SPON-003	\$15.60
	0.5 (0.020)	SPCI-020	18.00		0.13 (0.005)	SPON-005	12.00
	0.8 (0.032)	SPCI-032	23.00		0.25 (0.010)	SPON-010	12.00
1.6 (0.064)	SPCI-064	65.00	0.5 (0.020)	SPON-020	19.20		
K CHROMEPA®	0.013 (0.0005)	SPCH-0005	\$60.00	0.8 (0.032)	SPON-032	30.00	
	0.02 (0.001)	SPCH-001	22.00	N OMEGA-N® (Nisil)	0.013 (0.0005)	SPCH-0005	\$60.00
	0.05 (0.002)	SPCH-002	22.00		0.02 (0.001)	SPCH-001	22.00
	0.07 (0.003)	SPCH-003	20.00		0.05 (0.002)	SPCH-002	22.00
	0.13 (0.005)	SPCH-005	14.00		0.07 (0.003)	SPCH-003	20.00
	0.25 (0.010)	SPCH-010	14.00		0.13 (0.005)	SPCH-005	14.00
	0.38 (0.015)	SPCH-015	14.00		0.25 (0.010)	SPCH-010	14.00
	0.5 (0.020)	SPCH-020	18.00		0.38 (0.015)	SPCH-015	14.00
	0.8 (0.032)	SPCH-032	26.00		0.5 (0.020)	SPCH-020	18.00
	1.6 (0.064)	SPCH-064	65.00		0.8 (0.032)	SPCH-032	26.00
3.3 (0.128)	SPCH-128	260.00	3.3 (0.128)		SPCH-128	95.00	
K ALOMEGA®	0.013 (0.0005)	SPAL-0005	\$60.00	E CHROMEPA®	0.013 (0.0005)	SPCC-0005	\$60.00
	0.02 (0.001)	SPAL-001	22.00		0.02 (0.001)	SPCC-001	22.00
	0.05 (0.002)	SPAL-002	22.00		0.05 (0.002)	SPCC-002	22.00
	0.07 (0.003)	SPAL-003	20.00		0.07 (0.003)	SPCC-003	20.00
	0.13 (0.005)	SPAL-005	14.00		0.13 (0.005)	SPCC-005	14.00
	0.25 (0.010)	SPAL-010	14.00		0.25 (0.010)	SPCC-010	14.00
	0.38 (0.015)	SPAL-015	14.00		0.38 (0.015)	SPCC-015	14.00
	0.5 (0.020)	SPAL-020	18.00		0.5 (0.020)	SPCC-020	18.00
	0.8 (0.032)	SPAL-032	26.00		0.8 (0.032)	SPCC-032	23.00
	1.6 (0.064)	SPAL-064	65.00		1.6 (0.064)	SPCC-064	65.00
3.3 (0.128)	SPAL-128	260.00					
T Constantan*	0.013 (0.0005)	SPCC-0005	\$60.00				
	0.02 (0.001)	SPCC-001	22.00				
	0.05 (0.002)	SPCC-002	22.00				
	0.07 (0.003)	SPCC-003	20.00				
	0.13 (0.005)	SPCC-005	14.00				
	0.25 (0.010)	SPCC-010	14.00				
	0.38 (0.015)	SPCC-015	14.00				
	0.5 (0.020)	SPCC-020	18.00				
	0.8 (0.032)	SPCC-032	23.00				
	1.6 (0.064)	SPCC-064	65.00				



Order a Matched Pair!

Shown smaller than actual size.
Longer lengths available.
Please consult Sales.

Discount Schedule	
1 to 10 spoolsNet
11 to 24 spools10%
25 to 49 spools15%
50 spools and up20%

* 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 SPCC with SPCP or SPCH.

Ordering Examples:
SPCH-020-50, 15 m (50'), Type K CHROMEPA® wire, 0.5 mm (0.020") diameter, and **SPAL-020-50**, 15 m (50'), Type K ALOMEGA® wire, 0.5 mm (0.020") diameter, \$18 + 18 = \$36.
SPIR-010-50, 15 m (50'), Type J iron wire, 0.25 mm (0.010") diameter, and **SPCI-010-50**, 15 m (50'), Type J Constantan wire, 0.25 mm (0.010") diameter, \$14 + 14 = \$28.

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.



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www.omega.de
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More than 100,000 Products Available!

• Temperature

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• 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, Strain Gages, 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