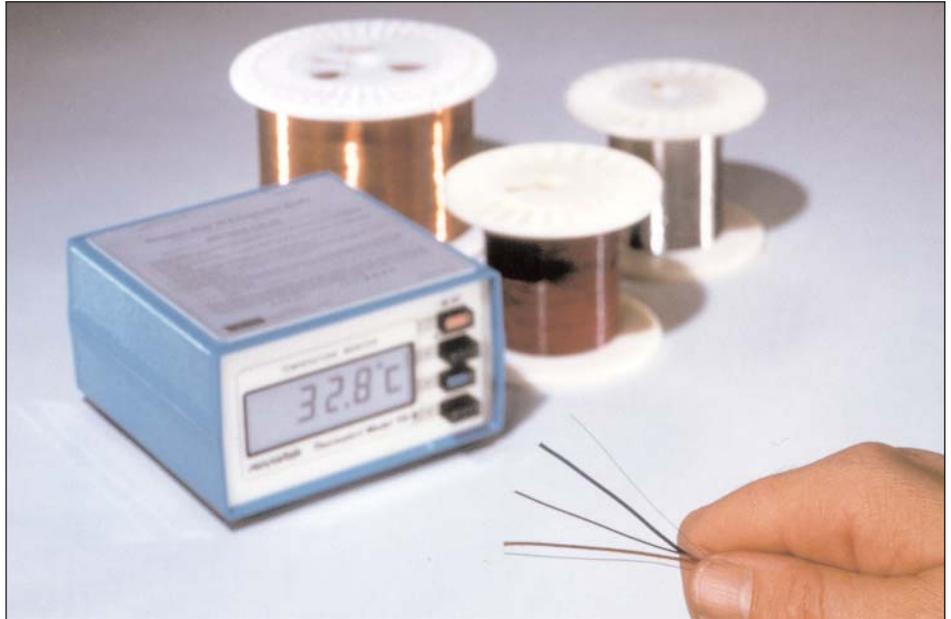


Type T Thermocouple Wire (copper - constantan)

- 0.1°C accuracy in the following sizes:
30ga, 36ga, 40ga, 44ga
- Many insulation materials available
- OEM quantities & pricing

Most competitors' thermocouple wire used in the manufacture of sensors is "Special Limits" wire which, to meet NIST standards, must be accurate to 0.5°C. This means that even with the most sophisticated electronics, the best possible accuracy for the system is 0.5°C.

Physitemp wire is made and tested to more stringent standards and is guaranteed accurate to 0.1°C in the range of 0-50°C. It is, therefore, five times more accurate than "Special Limits" wire. It is intended for applications where high accuracy is essential but where the low cost of thermocouples is important.



We can supply this wire in rolls of 50' or in larger quantities. We will also weld thermocouples and provide custom sheaths, if required.

If you require wire with a different gauge or insulation than you see below - please contact us. We may be able to custom

order it for you.

For more information on thermocouple accessories including plugs, sockets and probe making kits see Temperature Accessories

Call for Quantity pricing for OEM applications

High Accuracy Wire					
TYPE#	WIRE DIA.	AWG	INSULATION	FORM	MAX. TEMP
W-TW-26	.015"	26	POLYVINYL	TWIN	85°C
W-TW-30	.010"	30	KAPTON	TAPE WRAP	350°C
W-TW-36	.005"	36	POLYVINYL	TWIN	85°C
W-TW-36P2	.005"	36	POLYIMIDE	TWIN	300°C
W-TW-40	.003"	40	TEFLON TFE®	TWIN	250°C
W-TW-40P	.003"	40	POLYURETHANE	TWIN	125°C
W-TW-40P2	.003"	40	POLYIMIDE	TWIN	300°C
W-TW-44	.002"	44	ISONEL	SINGLES	200°C
W-TW-44P	.002"	44	POLYURETHANE	TWIN	125°C
W-TW-44P2	.002"	44	POLYIMIDE	TWIN	300°C
W-TW-44TEF	.002"	44	TEFLON®	TWIN	200°C
Regular Thermocouple Wire					
W-TW-20	.032"	20	TEFLON®	TWIN	150°C
W-TW-24	.020"	24	POLYVINYL	TWIN	85°C

"Paired" wire is supplied as individual wires on two separate rolls. "Twin" wire is supplied duplex on one roll.