

Nextel®-Covered Flexible Thermocouple Elements

High Temperature!

XC Series Starts at **\$20** 300 mm



Popular Type K thermocouple elements, shown smaller than actual size.

Color-Coded Leads!

Flexible Design for Hard-to-Reach Applications. No Breakage!

- ✓ Standard 300 mm (12") Long Thermocouple Elements
- ✓ Available in Type K, E, and J Calibrations
- ✓ Insulation Temperature Rating Up to 1200°C (2200°F)

OMEGA® Nextel ceramic-insulated thermocouples are easy-to-use precise temperature elements manufactured to meet the highest industry standards. The Nextel ceramic insulation is rated for 1200°C (2200°F) continuous use, or 1425°C (2600°F) short term. These highly versatile elements are ideal for many high-temperature applications. If requested, OMEGA® can combine these elements with thermowells and industrial heads to produce a complete head and well assembly, available for fast delivery.

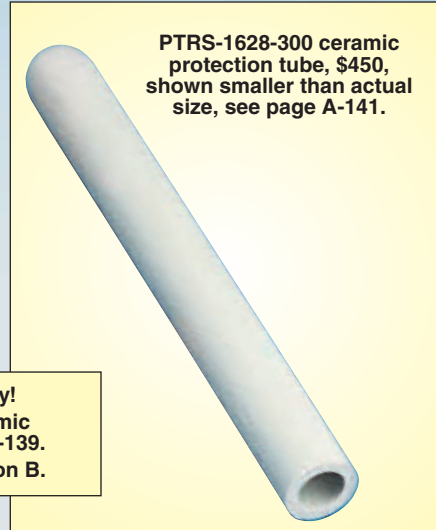
Available in 3 wire sizes, 14, 20, and 24 gage, the standard element configuration is 300 mm (12") long, with a general purpose welded bead, an exposed-junction thermocouple, plus a 13 mm (0.5")



Actual size.

stripped end termination. Calibration Types K (CHROMEPA®-ALOMEGA®), E (CHROMEPA®-constantan), J (iron-constantan), and N (OMEGALLOY®-NICROSIL-NISIL) are available. For additional abrasion protection, order stainless steel or Inconel® overbraiding. Consult Sales for more information.

Discount Schedule	
1 to 10Net
11 to 245%
25 to 4910%
50 and up15%



PTRS-1628-300 ceramic protection tube, \$450, shown smaller than actual size, see page A-141.

Complete Your Thermocouple Assembly!
A complete selection of OMEGA® ceramic protection tubes is available, see page A-139. Compatible wells also available in section B.

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)									
300 mm (12") Long with Insulation, Plus 13 mm (0.5") Stripped Ends Standard (Other Lengths Available)									
AWG Wire Size	Type K Temp Range (-185 to 1250°C (-300 to 2300°F))	Price 300 mm (12") Length	Price Add'l 150 mm (6") or Fraction	Type E Temp Range (-185 to 850°C (-300 to 1600°F))	Price 300 mm (12") Length	Price Add'l 150 mm (6") or Fraction	Type J Temp Range (-185 to 750°C (-300 to 1400°F))	Price 300 mm (12") Length	Price Add'l 150 mm (6") or Fraction
14	XC-14-K-12	\$21	\$3	XC-14-E-12	\$21	\$3	XC-14-J-12	\$21	\$3
20	XC-20-K-12	20	2	XC-20-E-12	20	2	XC-20-J-12	20	2
24	XC-24-K-12	20	2	XC-24-E-12	20	2	XC-24-J-12	20	2

To order longer elements, change "-12" to indicate actual length required. Temperature limitation is by type of thermocouple material selected. For a male straight M8 plug add "M8-S-M" to the model number and \$11 to the price, for a male straight M12 plug add "M12-S-M" to the model number and \$11 to the price. For a male right-angled M8 plug add "M8-R-M" to the model number and \$11 to the price, for a male right-angled M12 plug add "M12-R-M" to the model number and \$11 to the price.

Note: Available with silica insulation. Change the "XC" to "XS", no additional cost.
Ordering Example: XC-20-J-12 is a 20 AWG thermocouple, Type J, 12" long with Nextel ceramic fiber insulation, \$20.



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• Flow and Level

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