

## Part Number: K1S-TAPN-REC-FW-1-FGXX-40-STWL

**Product Description:** Type K Fast Response Surface Thermocouple with **Non-Adhesive** Surface Patch and 40 Inch (1 Meter) Long Fiberglass Insulated Wire with Stripped Leads

### Type K Cement On Surface Thermocouple

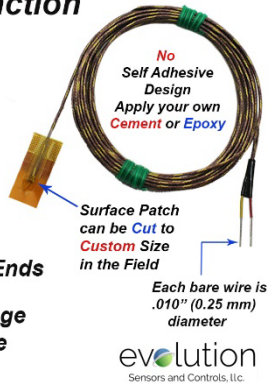
30 Gage Bead Welded Thermocouple Junction

Temperature Range  
32 to 500°F (0 to 260°C)

Polyimide and Fiberglass Cement On Patch  
1" Inch (25 mm) Long  
3/4" (.750" - 19 mm) Wide

40" Inches (1 Meter) Long Wire Leads with Stripped Ends

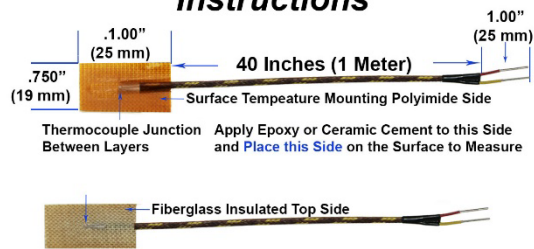
Fiberglass Insulated 30 Gage .030" x .048" Diameter Wire rated to 900°F (482°C)



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### Type K Cement-On Thermocouple Non-Adhesive Surface Patch 30 Gage Bead Welded Thermocouple Junction

#### Dimensions and Mounting Instructions



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Thermocouple Type	Type K (+ Nickel Chrome – Nickel Al, Mn, Si)
Thermocouple Junction	Flat Welded Bead between Tape Layer
Surface Patch Dimensions	1" Inch (25 mm) Long x .750" Inch (3/4" or 19 mm) Wide x .012" (0.13 mm) Thick
Surface Patch Material	Polyimide and Fiberglass Teflon Coated Tape
NO Surface Adhesive	Self-applied Epoxies or Ceramic Cements
Temperature Range	-100 to 500°F (-73 to 260°C) can be increased to 600°F (315°C) with Ceramic Cement Adhesive
Lead Wire Length	40" (3.3 ft or 1 Meter) Long
Lead Wire Insulation	Fiberglass 900°F (4820°C) rating
Lead Wire Construction	Flexible 30 Gage Solid (.010") High Accuracy SLE Thermocouple Grade Parallel Design. Outer-jacket measures .037" x .050"
Wire Termination - Instrument Connection	1 Inch (25 mm) Long Stripped Wire Lead with 1/2" (12.7 mm) Single Insulated and 1/2" (12.7 mm) Bare
Color Coding	ANSI (+ Positive Yellow Wire – Negative Red Wire with a Brown Overall Jacket)