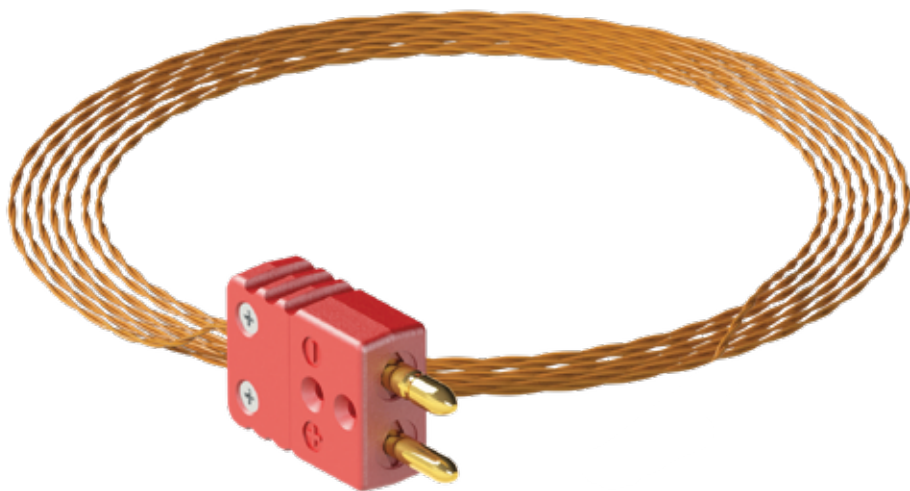


PEEKSense™ Thermocouple Series

HIGH TEMPERATURE THERMOCOUPLE FOR PEEK COMPOSITES CURING



OVERVIEW

PEEKSense™ Thermocouple Sensor is the next generation of temperature sensing products for the manufacturing of advanced thermoplastic composites. This brand new high temperature autoclave thermocouple assembly for PEEK composite applications retains the same proven characteristics of our AccuClave product line. **PEEKSense™** was specifically designed with our customers' needs in mind, bringing together the best of TE Wire's temperature sensing capabilities and our quality guarantee to reach greater temperatures for longer cycles.



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TEWC-HAND-PKSNS-V1.0-02/26

Applications

- Autoclave composite applications
- PEEK, PEKK, PAEK composites
- Polyimide composites

Product Specifications

- Conforms to Special Limits ASTM 230/E230M, Class I IEC 60584, and BAC 5621
- J and K calibration $\pm 1.1^{\circ}\text{C}$ (2.0°F) or $\pm 0.4\%$
- Gauge size 24 awg
- Available pins include nickel or gold plated
- Pressures to 200PSI
- Available in lengths 3-100FT
- Traceability code (TRAC) permanently laser etched on connector
- High tensile strength
- Superior chemical resistance
- Strong abrasion resistance

Features

- **PEEKSense™** does not melt and can withstand up to 400°C (752°F) processing temperatures
- Does not unravel like typical polyimide films
- Does not leak under pressure or vacuum environment once sealed under the bagging film
- Can handle all PEEK, PEKK, PAEK processing temperatures with better handling characteristics for operators. Fiberglass-free.
- Standard wire construction is flame retardant applied liquid polyimide.
- Cost savings: deliver ROI in labor savings
- Every AccuClave thermocouple can now be conveniently traced to its calibration data and manufacturing information. Try it yourself today!
www.tewire.com/trac.php