

VACTYTE-TCR

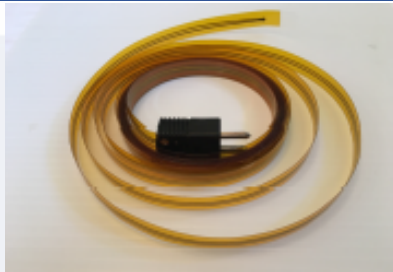
Thermocouple Ribbon Assembly

Features:

- Designed to eliminate vacuum bagging leaks, maximize part temperature accuracy.
- Minimal part mark-off or perforation of bag or release films.
- Restricts wire junction resin bleed, alleviates vacuum bag sealant tape pull through failures.
- Supplied with a PSA backing for secure placement, removes cleanly from surface.
- Conveniently packaged dispensing box, allows for ease of use during application.

Specifications:

Temperature Range: Up to 500°F (260°C)	Wire Grade: Special Limits
Available in: Type J	Plug Type: Standard ASTM Type J round pin
Gauge: Equivalent to 24 AWG	Wire Termination: Welded junction non-exposed
Thickness: Less than 0.010"	



The above values are "Typical Values" which have a nominal range about them and are not intended for specification purposes.

Application:

Vactyte-TCR "Patent Pending" assemblies were developed within the composites industry for enhancing the use and reliability of thermocouples in a oven or autoclave vacuum bagging process. The **Vactyte-TCR** was designed with a flat weld bead enveloped within a tough polyimide sheathing with a thickness of less than 0.010". This allows for placement of the **Vactyte-TCR** to be adjacent, over or within a laminate without excessive mark-off or perforation of vacuum bagging or release films. The broad surface area all but eliminates the potential for the wire to pull through any vacuum bagging sealant tape and/or associated vacuum bag leak failures. The PSA backing further limits that potential, while enhancing the use around a laminate, tool, and cure vessel. The **Vactyte-TCR** assemblies are packaged in individual dispensing boxes that allow for a secure placement of required length needed during application process. For further information regarding application processing, see our recommended, "**Vactyte-TCR** Application Guide".

Packaging:

- **Vactyte-TCR** assemblies are packaged in an individual dispensing box to allow for ease of use during placement.

Availability:

- Assembly length: Specified as needed.

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