



Tempsafe Vaccine Vial Temperature Indicator

- Thin, small, durable, smart and cost-effective
- Quick implementation
- 8°C temperature threshold
- Footprint small enough for vial/bottle or syringe use
- Size may be modified to meet customer specific requirements

The Vaccine Vial Temperature Indicator considers the thermal mass of each vial, bottle or syringe when monitoring for a potential cold chain breach.

Anyone administering the drug will know if the temperature has remained below 8°C so they will have confidence that the cold chain has been intact.

Benefits

- **Easy to read** - Distinct colour change when temperature threshold has been exceeded (from Green to Yellow). Provides clear evidence if the cold chain has been maintained.
- **Easy to use** – Simple activation of the indicator after mounting. Indicator activated with cold spray. No special storage or handling required.
- **Easy to implement** – Solutions available for low volume scenarios or for high volume manufacturing lines.

Activation and Monitoring Process

- Remove the indicator from the liner and adhere to the vial/bottle/syringe.
- Activate the indicator with freeze spray. Colour will change from YELLOW to GREEN.
- If the temperature of the vial/bottle/syringe exceeds 8°C, the indicator will change from GREEN to YELLOW.

Specifications

Temperature	Thermal mass >8°C
Accuracy	+/- 1°C
Size	17 mm
Visual Indication	Green to Yellow
Adhesive	XXX
Activation	Medical freeze spray

