berlinger
feel safe

Powerful temperature indicator

Tiny but mighty

- Green = OK
- Start/Stop break-off tab
- Read Status
- Start/Stop break-off tab
- Red = Alarm

The last mile solution

Enjoy full flexibility for programming up to 3 alarm limits and benefit from clearly visible temperature excursions thanks to the flashing LED-lights.

The Berlinger Mini-tag is tailored for a use directly attached on primary packagings (e.g. vaccines, syringe) and secondary packagings within Clinical Trials or the Pharma- or Food supply chain.

Thanks to its operating time of up to 3 years, the Berlinger Mini-tag is the perfect companion for your valuable goods. Respond quickly, easily and confidently to the slightest changes in temperature.

- Tiny and simple to use

- Decision at a glance thanks to flashing LED-lights

- Far more accurate than chemical indicators

DESCRIPTION	Multi-alarm shipping and storage temperature indicator
MANUFACTURER'S REF	Berlinger Mini-tag
TYPICAL APPLICATION AREA	The last mile solution Online pharmarcy International supply chain National supply chain Closed organisations supply chain Storage ambient conditions Storage cooling conditions (fridges, freezers)
EXTERNAL DIMENSIONS (L X W X H)	49 x 25 x 4 mm
WEIGHT	4 g
STORAGE CONDITION (INACTIVE)	0°C to 30°C / +32°F to +86°F
OPERATING TEMPERATURE	−30°C to +60°C / −22°F to +140°F
DISPLAY VISIBLE	No display
ALARM TEMPERATURE RANGE	−25°C to +55°C −13°F to +131°F, in 0.1°C increments
ACCURACY OF TEMPERATURE MEASUREMENT	+/- 0.6 °C from-30 °C to-10 °C +/-1.08 °F from-22 °F to +14 °F +/- 0.5 °C from-10 °C to +40 °C +/-0.9 °F from +14 °F to +104 °F +/- 0.6 °C from +40 °C to +60 °C +/-1.08 °F from +104 °F to +140 °F
ALARM AND WARNING LIMITS	3 individually programmable alarm limits (each can be upper, lower, single or cumulative)
ALARM TRIGGER TIME	1 min to 104 weeks
ALARM INDICATION	LED (green = OK, red = ALARM)
TEMPERATURE MEASUREMENT INTERVAL	1, 5, 10 min
MEASUREMENT ACCURACY OF THE TIME	+/- 2%
CALIBRATION	Calibration traceable to ILAC recognised international standard (e.g. SAS, NIST) upon request
BATTERY	Button cell battery complies with IATA DGR Packing Instruction PI970 Section II
PROTECTION CLASS	IP54
2D CODE ON LABEL	2D data matrix
OPERATING LIFETIME AND SHELF LIFE	Up to 3 years operating and 1 year storage
WARRANTY	2 years from date of delivery (see general Berlinger Terms & Conditions)
MANIPULATION	Mini-tag cannot be manipulated or reset without destroying it
FORMAT OF THE ORIGINAL DOCUMENT	Generates no documents
SOFTWARE FOR VERIFYING PDF AND ASCII FILE	No software
STANDARDS	CE, EMC, ROHS compliant, DO160

Subject to change. Please note that all information in this document is correct at the time of publication. Due to our policy of continuous product development, we reserve the right to change this information without prior notice.

For more information www.berlinger.com/mini-tag