

TimestripPlus for Health Care

**Blood & Blood Products • Total Parenteral Nutrition •
Vaccines • Insulin Medication • Biotech Products • Other
Temperature Controlled Products**

Temperature-sensitive drugs need to be stored correctly throughout their time in stores, pharmacy, and right up to their eventual use. Poor temperature control can lead to compromised product, which could adversely affect patient care.

TimestripPlus™ helps you manage temperature-sensitive products by providing a visual aid that indicates when a product has passed a specific temperature.

Vaccines

Vaccines and some cytotoxic drugs can be rendered ineffective or lose efficacy if they are stored above 8 °C. Traditional methods of cold chain management rely on data loggers and time consuming manual recording of temperatures. TimestripPlus™ is the only device that can effectively record a breach in the cold chain and indicate the length of time that the breach occurred.

TPN

Total Parenteral Nutrition (TPN) is a typical example of a product manufactured in aseptic pharmacy that must be kept in a validated refrigerated environment. Leaving at room temperature for lengthy periods of time could result in compromising the safety of immune deficient patients. Using TimestripPlus™ for TPN offers peace of mind that the bag has not had a temperature breach before use and significant cost savings can be achieved if unused and chilled product can be returned to pharmacy for re-issue.

Pharmacy

TimestripPlus™ is an extremely useful indicator to use where drugs are manufactured in pharmacy, placed in a refrigerator for storage, later transported to wards or hospital departments. Using TimestripPlus™ ensures confidence that a product has not been exposed to a breach in temperature throughout manufacturing and transportation processes and unused costly drugs could be returned to the fridge for reissue.



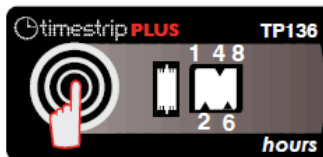
FridgeSafe™ 8

Alerts to 1 or more temperature excursions
Easy to read traffic light design



TimestripPlus 065

Threshold: 8°C / 46°F
Stop Temp: 6°C / 43°F
for refrigerated foods



TimestripPlus 136

Threshold: 30°C / 86°F
Stop Temp: 25°C / 43°F
for controlled room temperatures

How to Use

Following initial activation a built-in time delay allows you to apply TimestripPlus™ to product or carton at room temperature before transfer to a controlled environment. The colour inside TimestripPlus™ progresses along the run-out window once the product goes above the specified threshold temperature. It then records the length of each subsequent temperature breach, giving a cumulative record of the time the product has spent outside the required temperature range. TimestripPlus™ irreversible temperature indicators are an accurate, cost-effective solution that can help you reduce the waste of expensive drugs, and its ease of use means that minimal training is required. They are supplied in an adhesive label format that is ideal for direct application to either products or packaging.