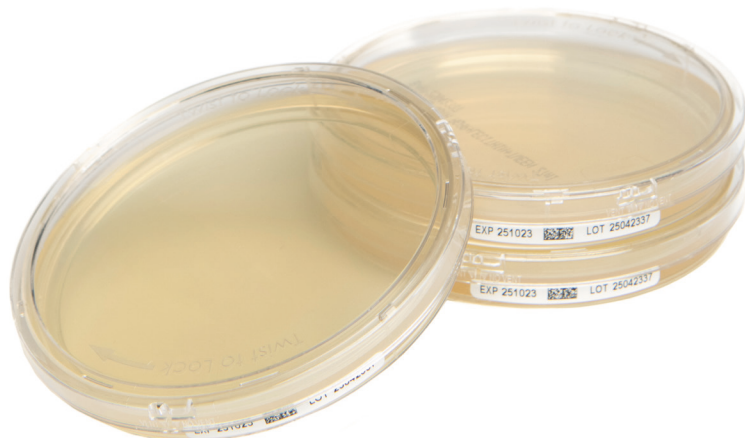




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# TwistLock Plates FAQ

**Technical Document:**  
Frequently Asked Questions



Redipor® TwistLock plates are designed to deliver sample security, data integrity, and optimise workflows for environmental monitoring in pharmaceutical and healthcare settings. Below, we address some of the most common questions about TwistLock plates.

## **Does the lock affect airflow or microbial deposition on the media?**

TwistLock plates are designed to maintain sample integrity while supporting optimal microbial recovery and minimising media degradation.

- ▶ The 90mm TwistLock settle plate features two locking positions – “vent” and “no vent” – offering flexibility in use
- ▶ Plates can be unlocked from position one, but repeated locking/unlocking is not advised as this will compromise the integrity of the locking mechanism
- ▶ TwistLock contact plates feature a single locking mechanism

## **Is there a price difference between TwistLock and standard plates?**

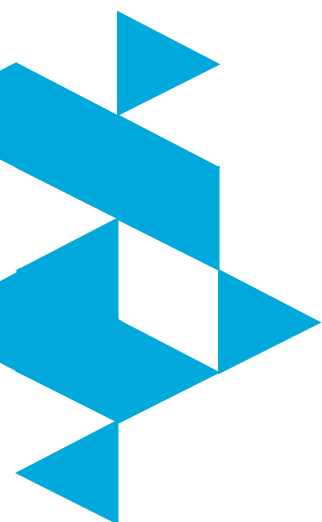
TwistLock plates are more expensive than standard plates due to many factors:

- ▶ The higher-grade plastic used in the manufacture of TwistLock plates
- ▶ The addition of the locking mechanism
- ▶ The increased fill volume that supports pharmaceutical-grade requirements in the 90mm TwistLock settle plates

## **What added value do TwistLock plates offer?**

TwistLock plates deliver added value in several ways:

- ▶ The locking mechanism enhances sample security by reducing the risk of false positives arising from mishandling or accidental exposure
- ▶ GS1 DataMatrix codes support data integrity and traceability, enabling seamless integration with LIMS and supporting more reliable environmental monitoring systems
- ▶ Greater confidence in handling and positioning of GS1 codes on the side of TwistLock plates, rather than on the base, significantly reduces scanning time and allows the use of automated colony counters.



### How do TwistLock plates compare to standard plates in microbial recovery rates?

TwistLock plates offer improved protection against contamination, helping to ensure accurate and reliable recovery results while minimising the risk of compromising data.

### Do TwistLock plates come with GS1 DataMatrix codes?

Yes. Each TwistLock plate includes a GS1 DataMatrix code on its side label. The GS1 DataMatrix enables:

- ▶ Secure identification and traceability
- ▶ Faster, more efficient scanning
- ▶ Simplified integration into paperless laboratory workflows

### Are TwistLock plates compatible with automated handling systems?

Yes. TwistLock plates are compatible with advanced lab automation, including colony counters and automated settle plate changers. This is due to side-mounted GS1 DataMatrix codes, which facilitate easy scanning and visual access.

### Are TwistLock plates more difficult to handle than standard plates?

TwistLock plates can be easily manipulated using gauntlets in an isolator. However, they may require slightly more effort than standard plates due to the nature of the secure locking mechanism.

### How does the locking mechanism prevent accidental opening or tampering?

The secure locking design prevents accidental lid removal, reducing the risk of contamination.

Our drop test comparison video demonstrates that TwistLock plates are significantly more secure than standard plates.

### Do TwistLock plates meet Annex 1 and regulatory requirements?

Yes. TwistLock plates are compliant with EU GMP Annex 1 and broader regulatory standards, supporting data integrity and reducing risk in controlled environments.

### Are custom Redipor formulations available in TwistLock plates?

Yes. TwistLock plates are available with our signature custom Redipor formulations and packaging formats. To discuss your specific requirements, contact our team.

### What is the lead time for TwistLock plates?

Standard TwistLock products available off the shelf are typically dispatched within a few days. Bespoke formulations will require additional lead time due to the development process, so the lead time will be longer.

**For more information on Redipor TwistLock plates, custom Redipor formulations or packaging, please contact our team.**



**Note:** All TwistLock plates are dispatched unlocked, but may become locked during transit.

