



SLIT SEAL

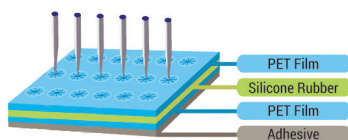
WELL PLATE COVERS

Features

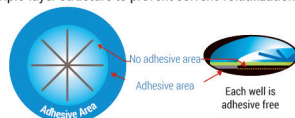
- Self-closes instantly
- Eliminates cross-contamination between wells
- Preserves samples for next-day analysis
- Void of residual adhesive
- Pipette tips insert easily with minimal added friction

Applications

- Automated Platforms
- HPLC and LC-MS
- Organic Synthesis
- For researchers who have concerns about solvent volatilization when using an autosampler



Triple-layer structure to prevent solvent volatilization.

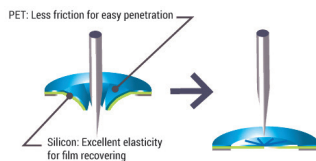


Easy penetration and recovery

While pipetting/dispensing, the triple layer structure removes residues around pipette and needles

Needle Insertion

Recovered film after elevating the needle



Slit Seal

Well Plate Covers

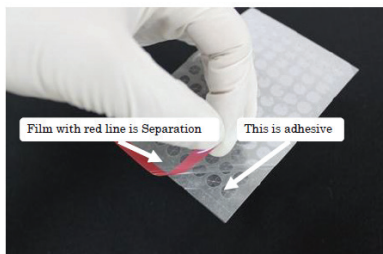
Description

Slit Seal well plate covers are designed for sealing the surface of 96 well plates and ensuring the integrity of the samples at hand. Each cover features 96 individual slits on the surface, corresponding to the appropriate well positions. The slit area is adhesive free to avoid needle blockage and contamination.

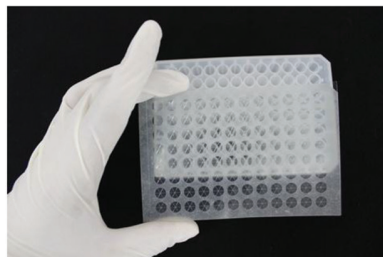
Storage & Disposal

- Store at room temperature and protect from direct sunlight and UV light.
- Dispose of used consumables in accordance with the rules applicable to your laboratory.
- Do NOT autoclave. When sterilizing please use ethylene oxide gas.

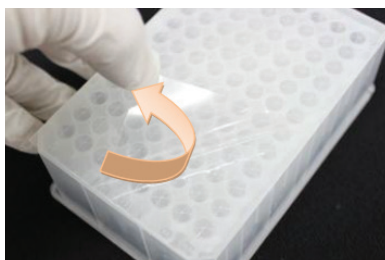
Handling Instructions



1. Peel off the red tab that covers the adhesive.



2. Align the well spot on the seal with the wells on the plate.



3. Remove the second protective film before loading onto the instrument or inserting pipette tips. There is a tab protruding over the angled corner.

Summary

Evaluation of Slit Seal well plate cover to form an airtight seal.

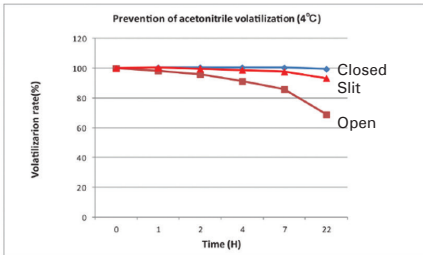
Method

The effectiveness of the Slit Seal wellplate covers to inhibit solvent volatilization was assessed over a 22-hour time period. 150 ul of Acetonitrile (ACN) and 150 ul of D.I. H₂O were dispensed individually into each well in a 96 wellplate format. The respective plates were then both sealed utilizing the Slit Seal covers. Two controls were also established with one plate being completely sealed off using adhesive aluminum and the other being left open. All four plates were then weighed to generate the first data point at time zero and stored at temperature settings of 4°C and 37°C.

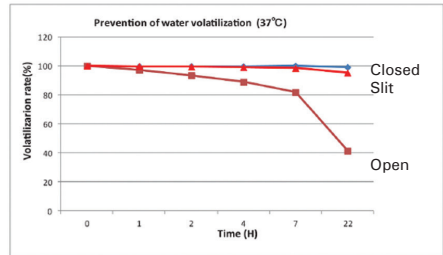
Results

Prevention of solvent volatilization of both ACN and D.I. H₂O is displayed below via percentage of weight decrease when compared to the weight at time zero. The use of the Slit Seal cover demonstrated a high degree of air tightness for both evaluated solvents at 4°C (Graph 1) and 37°C (Graph 2) respectively.

Graph 1



Graph 2



Dimensions	Material	Functional Temperature Range
W 80 mm X L 122 mm	PET, Silicone	-80°C - 37°C

Product Number	Quantity
WSH96SS	1 Box (100 Sheets/Box)
WSH96SS10	10 Boxes (100 Sheets/Box)

Slit Seal Well Plate Covers

PRICES AND TERMS

Our prices are subject to change without notice. The price in effect when we receive your order will apply. All prices are in US Dollars and are F.O.B. Lewistown, PA 17044. Terms of payment are net 30 days.

MINIMUM ORDERS

We welcome all orders, therefore, we do not have a minimum order requirement. When ordering, please include your purchase order number, complete "Ship To" and "Bill To" address, catalog number, quantity, and description of product(s). Also include your name and a phone number where you can be reached should we have any questions concerning your order.

SHIPMENTS

Normal processing is within 24 hours after receipt of an order. Unless special shipping requests have been made, our trained staff will send all orders by UPS Ground service. The appropriate shipping charges (freight & insurance costs) will be added to the invoice, unless otherwise instructed by the customer.

SPECIAL PRICING

We offer special pricing for volume purchases and standing orders. These discounts apply to bonded phase extraction column purchases only. Please call a sales representative for more information on special pricing qualifications.

RETURN POLICY

Our Quality Manager will handle all returns. Before returning merchandise, please call to obtain a return authorization

number from the quality manager. We will need to know the reason for the return, date of purchase, purchase order number and invoice number in order to issue a return authorization number. Return merchandise must be received before a credit can be issued. Returns will not be accepted after 90 days. A restocking fee of 25% of the price paid, or a minimum of \$25.00 (whichever is greater) will be charged on all returns.

WARRANTY

All products manufactured by UCT are guaranteed against defects in materials and workmanship for a period of 90 days after shipment. UCT will replace any items that prove to be defective during this time period. The exclusive remedy requires the end user to first advise UCT of the defective product by phone or in writing and must include order number, the lot number and the shipping date.

To initiate this action, photographs of the product, including packaging and labeling of the containers, must be submitted to the UCT Representative for approval. With approval a return authorization can be initiated, and must be received within 30 days. Once the materials arrive at UCT a further inspection of the materials must be completed and accepted by our Quality Manager prior to further action of credits or replacement. UCT's total liability is limited to the replacement cost of UCT products.

This warranty does not apply to damage resulting from misuse.

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