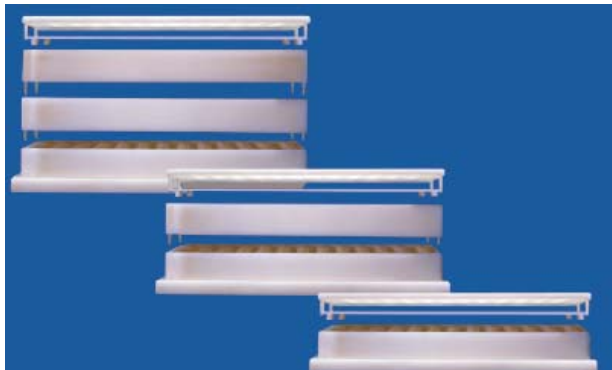


96-Well Multi-Tier™ Micro Plate System (Patented)

Finneran Products Certified For Science™



An improvement on existing 96-Well systems, the Multi-Tier™ Plate is a patented modular, reusable system featuring a base plate capable of securing 0.5mL, 1.0mL, 1.5mL, 2.0mL or 2.5mL conical glass, flat bottom and polypropylene vials. The vented design of the base plate assures uniform heating and cooling when immersed in a water bath. The cover locks the liner in place and prevents vial pullout. The prescored PTFE/Silicone/PTFE liner permits easy needle penetration, while the Molded PTFE/Silicone liner locks into each of the 96 vials and reseals after multiple injections thus reducing the chance of solvent evaporation and cross contamination.

Features/Benefits:

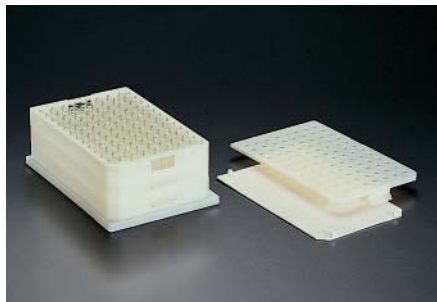
- Standard 8x12 (96-well) footprint with an alphanumeric grid allows use with most instruments
- Height adjustment provides volume choices of 0.5mL, 1.0mL, 1.5mL, 2.0mL and 2.5mL capacity vials
- Choice of 9mm glass or plastic vials with conical or flat bottoms
- Plate can be fixed height or adjusted to height limitation of analytical instrument
- Spacers build adjustable height to support different sized vials
- PTFE/Silicone/PTFE liner provides sample integrity
- Plate cover locks the liner in place, prevents vial pullout, and provides a secondary sealing system
- Base Plate has an open bottom to allow uniform transfer of heat or cold to vials
- Secure fit of the vials in the base plate permit use with shaker and vortex mixers during sample preparations
- Compatible with all autosampler and robotic systems
- Minimize risk of cross-contamination

Useful for:

- Experimental Assays
- Sorbent Assays
- Drug Discovery
- Drug Metabolism Research
- Combinatorial Chemistry
- High-Throughput Screening (HTS)
- Liquid Chromatography with Tandem Mass Spectrometry (LC-MS-MS)
- Metabolomic Analyses
- BioProcess Screening

Many assays require heating or cooling of the vials to simulate *in vitro* conditions or for temperature sensitive experiments. The heating or cooling is usually done with liquids or gases. The bottom design allows our base plate to be immersed in heating or cooling fluids to allow total fluid contact with the vials. This permits a uniform transfer of heat or cold to and from the vials. Our plates do not float in the bath. Constructed of chemically resistant material, select either Acrylic Butyl Styrene (ABS) or Topas (COC-Cyclic Olefin Copolymers) material.

96-Well Multi-Tier™ Micro Plate System (Patented)



Complete Plate System Includes:

1. 96-Well Base Plate
2. Choice of 5 Sizes - 0.5mL (9x17mm), 1.0mL (9x30mm), 1.5mL (9x44mm), 2.0mL (9x50mm), and 2.5mL (9x75mm) Conical or Flat Bottom Vials
3. Spacers for 1.0mL, 1.5mL, 2.0mL, and 2.5mL Plate
4. Cover
5. PTFE/Silicone/PTFE Liner

Multi-Tier™ Micro Plate System (ABS)

Plates manufactured in ABS (Acrylic Butyl Styrene) have good chemical resistance against acid and bases, are heat resistant up to 80° C, and can be centrifuged to 2,500 rpms.

| Cat. No. | Description | Qty |
|--------------|---|---------|
| 9905LC-812 | 0.5mL (ABS) Plate System with Glass Conical Vials | 1 Plate |
| 9910LC-812 | 1.0mL (ABS) Plate System with Glass Conical Vials | 1 Plate |
| 9915LC-812 | 1.5mL (ABS) Plate System with Glass Conical Vials | 1 Plate |
| 9920LC-812 | 2.0mL (ABS) Plate System with Glass Conical Vials | 1 Plate |
| 9905PLC-812 | 0.5mL (ABS) Plate System with Polypropylene Conical Vials | 1 Plate |
| 9910PLC-812 | 1.0mL (ABS) Plate System with Polypropylene Conical Vials | 1 Plate |
| 9915PLC-812 | 1.5mL (ABS) Plate System with Polypropylene Conical Vials | 1 Plate |
| 9920PLC-812 | 2.0mL (ABS) Plate System with Polypropylene Conical Vials | 1 Plate |
| 9905LC-812FB | 0.5mL (ABS) Plate System with Glass Flat Bottom Vials | 1 Plate |
| 9910LC-812FB | 1.0mL (ABS) Plate System with Glass Flat Bottom Vials | 1 Plate |
| 9915LC-812FB | 1.5mL (ABS) Plate System with Glass Flat Bottom Vials | 1 Plate |
| 9920LC-812FB | 2.0mL (ABS) Plate System with Glass Flat Bottom Vials | 1 Plate |
| 9915LC-812RB | 1.5mL (ABS) Plate System with Glass Round Bottom Vials | 1 Plate |
| 9920LC-812RB | 2.0mL (ABS) Plate System with Glass Round Bottom Vials | 1 Plate |



ABS Micro Plate System

Multi-Tier™ Micro Plate System (Topas)

Plates manufactured in Topas (COC - Cyclic Olefin Copolymers) have excellent clarity and heat/chemical resistance. The plates can be autoclaved and sterilized, are heat resistant to 150° C, and are UV transparent down to 300nm. Should not be used when centrifuging.

| Cat. No. | Description | Qty |
|--------------|---|---------|
| 9905LC-812T | 0.5mL (Topas) Plate System with Glass Conical Vials | 1 Plate |
| 9910LC-812T | 1.0mL (Topas) Plate System with Glass Conical Vials | 1 Plate |
| 9915LC-812T | 1.5mL (Topas) Plate System with Glass Conical Vials | 1 Plate |
| 9920LC-812T | 2.0mL (Topas) Plate System with Glass Conical Vials | 1 Plate |
| 9905PLC-812T | 0.5mL (Topas) Plate System with Polypropylene Conical Vials | 1 Plate |
| 9910PLC-812T | 1.0mL (Topas) Plate System with Polypropylene Conical Vials | 1 Plate |
| 9915PLC-812T | 1.5mL (Topas) Plate System with Polypropylene Conical Vials | 1 Plate |
| 9920PLC-812T | 2.0mL (Topas) Plate System with Polypropylene Conical Vials | 1 Plate |
| 9905LC-812FT | 0.5mL (Topas) Plate System with Glass Flat Bottom Vials | 1 Plate |
| 9910LC-812FT | 1.0mL (Topas) Plate System with Glass Flat Bottom Vials | 1 Plate |
| 9915LC-812FT | 1.5mL (Topas) Plate System with Glass Flat Bottom Vials | 1 Plate |
| 9920LC-812FT | 2.0mL (Topas) Plate System with Glass Flat Bottom Vials | 1 Plate |
| 9915LC-812RT | 1.5mL (Topas) Plate System with Glass Round Bottom Vials | 1 Plate |
| 9920LC-812RT | 2.0mL (Topas) Plate System with Glass Round Bottom Vials | 1 Plate |



Topas Micro Plate System

**Assembled Micro Plates are available with any combination of vials and liners.
Please contact us for more information.*

96-Well Multi-Tier™ Micro Plate System (Patented)

Plates also available with vials only - No Cover or Liner:

1. 96-Well Base Plate
2. Choice of 5 Sizes - 0.5mL (9x17mm), 1.0mL (9x30mm), 1.5mL (9x44mm), 2.0mL (9x50mm), and 2.5mL (9x75mm) Conical or Flat Bottom Vials
3. Spacers for 1.0mL, 1.5mL, 2.0mL, and 2.5mL Plate

Multi-Tier™ Micro Plates (ABS)

Plates manufactured in ABS (Acrylic Butyl Styrene) have good chemical resistance against acid and bases, are heat resistant up to 80° C, and can be centrifuged to 2,500 rpms.

| Cat. No. | Description | Qty |
|------------|---|---------|
| 9905-812 | 0.5mL (ABS) Plate with Glass Conical Vials only | 1 Plate |
| 9910-812 | 1.0mL (ABS) Plate with Glass Conical Vials only | 1 Plate |
| 9915-812 | 1.5mL (ABS) Plate with Glass Conical Vials only | 1 Plate |
| 9920-812 | 2.0mL (ABS) Plate with Glass Conical Vials only | 1 Plate |
| 9905P-812 | 0.5mL (ABS) Plate with Polypropylene Conical Vials only | 1 Plate |
| 9910P-812 | 1.0mL (ABS) Plate with Polypropylene Conical Vials only | 1 Plate |
| 9915P-812 | 1.5mL (ABS) Plate with Polypropylene Conical Vials only | 1 Plate |
| 9920P-812 | 2.0mL (ABS) Plate with Polypropylene Conical Vials only | 1 Plate |
| 9905-812FB | 0.5mL (ABS) Plate with Glass Flat Bottom Vials only | 1 Plate |
| 9910-812FB | 1.0mL (ABS) Plate with Glass Flat Bottom Vials only | 1 Plate |
| 9915-812FB | 1.5mL (ABS) Plate with Glass Flat Bottom Vials only | 1 Plate |
| 9920-812FB | 2.0mL (ABS) Plate with Glass Flat Bottom Vials only | 1 Plate |
| 9915-812RB | 1.5mL (ABS) Plate with Glass Round Bottom Vials only | 1 Plate |
| 9920-812RB | 2.0mL (ABS) Plate with Glass Round Bottom Vials only | 1 Plate |



Multi-Tier™ Micro Plate System (Topas)

Plates manufactured in Topas (COC - Cyclic Olefin Copolymers) have excellent clarity and heat/chemical resistance. The plates can be autoclaved and sterilized, are heat resistant to 150° C, and are UV transparent down to 300nm. Should not be used when centrifuging.

| Cat. No. | Description | Qty |
|-------------|---|---------|
| 9905-812T | 0.5mL (Topas) Plate with Glass Conical Vials only | 1 Plate |
| 9910-812T | 1.0mL (Topas) Plate with Glass Conical Vials only | 1 Plate |
| 9915-812T | 1.5mL (Topas) Plate with Glass Conical Vials only | 1 Plate |
| 9920-812T | 2.0mL (Topas) Plate with Glass Conical Vials only | 1 Plate |
| 9905P-812T | 0.5mL (Topas) Plate with Polypropylene Conical Vials only | 1 Plate |
| 9910P-812T | 1.0mL (Topas) Plate with Polypropylene Conical Vials only | 1 Plate |
| 9915P-812T | 1.5mL (Topas) Plate with Polypropylene Conical Vials only | 1 Plate |
| 9920P-812T | 2.0mL (Topas) Plate with Polypropylene Conical Vials only | 1 Plate |
| 9905-812FBT | 0.5mL (Topas) Plate with Glass Flat Bottom Vials only | 1 Plate |
| 9910-812FBT | 1.0mL (Topas) Plate with Glass Flat Bottom Vials only | 1 Plate |
| 9915-812FBT | 1.5mL (Topas) Plate with Glass Flat Bottom Vials only | 1 Plate |
| 9920-812FBT | 2.0mL (Topas) Plate with Glass Flat Bottom Vials only | 1 Plate |
| 9915-812RBT | 1.5mL (Topas) Plate with Glass Round Bottom Vials only | 1 Plate |
| 9920-812RT | 2.0mL (Topas) Plate with Glass Round Bottom Vials only | 1 Plate |



**Assembled Micro Plates are available with any combination of vials and liners.
Please contact us for more information.*

96-Well Multi-Tier™ Micro Plate System (Patented)



Solid Clear Cover



24- and 48-Well
Machine-Made Base Plates



Glass Conical Vials

Replacement Accessories for 96-Well Multi-Tier™ Micro Plate System

Assemble your own 96-Well Multi-Tier™ Micro Plate System:

| | |
|--------------------|---------------------------------------|
| 0.5mL Plate System | Requires Base Plate Only |
| 1.0mL Plate System | Requires one Spacer and Base Plate |
| 1.5mL Plate System | Requires two Spacers and Base Plate |
| 2.0mL Plate System | Requires three Spacers and Base Plate |
| 2.5mL Plate System | Requires four Spacers and Base Plate |

| Cat. No. | Description | Qty |
|-------------|--|----------|
| 9900C-812 | Cover for Plate System - ABS material | 5 Pieces |
| 9900C-812T | Cover for Plate System - Topas material | 5 Pieces |
| 9900-812 | Spacer for Plate System - ABS material | 1 Piece |
| 9900-812T | Spacer for Plate System - Topas material | 1 Piece |
| 9996-812 | 96-Well Base Plate - ABS material | 1 Piece |
| 9996-812GFP | 96-Well Base Plate - Glass-filled Polypropylene material | 1 Piece |
| 9996-812T | 96-Well Base Plate - Topas material | 1 Piece |
| 9900VFC-812 | Solid Clear Cover for Plate System | 5 Pieces |

Machine-Made Base Plates

| Cat. No. | Description | Qty |
|----------|---|---------|
| 9924-670 | 24-Well Flat Bottom Base Plate - ABS material | 1 Plate |
| 9948-812 | 48-Well Base Plate - ABS material | 1 Plate |

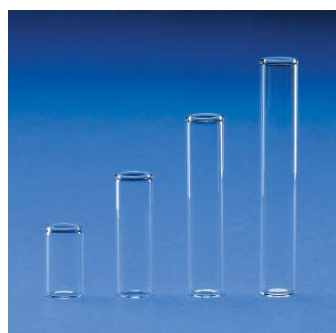
Replacement Vials for 96-Well Multi-Tier™ Micro Plate System

- Glass vials are manufactured of Type I borosilicate glass
- Glass and polypropylene vials fit securely in the 96-well Base Plate
- All glass vials are available silanized

Glass Conical Vials

| Cat. No. | Description | Qty |
|-----------|---|-----|
| 4050-917 | 0.5mL Clear Glass Conical Vials, 9x17mm | |
| 4050-917A | 0.5mL Amber Glass Conical Vials, 9x17mm | 100 |
| 4100-930 | 1.0mL Clear Glass Conical Vials, 9x30mm | 100 |
| 4100-930A | 1.0mL Amber Glass Conical Vials, 9x30mm | 100 |
| 4150-944 | 1.5mL Clear Glass Conical Vials, 9x44mm | 100 |
| 4150-944A | 1.5mL Amber Glass Conical Vials, 9x44mm | 100 |
| 4200-950 | 2.0mL Clear Glass Conical Vials, 9x50mm | 100 |
| 4200-950A | 2.0mL Amber Glass Conical Vials, 9x50mm | 100 |

96-Well Multi-Tier™ Micro Plate System (Patented)



Glass Flat Bottom Vials



Polypropylene Conical Vials



Vial Loader is fast and convenient for loading vials into the Base Plate

To use the Vial Loader:

1. Peel away the packaging and place an empty Base Plate on top of the vial loader.
2. Invert the entire unit and the plate is ready to use.

Replacement Vials for 96-Well Multi-Tier™ Micro Plate System

Glass Flat Bottom Vials

| Cat. No. | Description | Qty |
|-------------|---|-----|
| 4050FB-917 | 0.5mL Clear Glass Flat Bottom Vials, 9x17mm | 100 |
| 4050FB-917A | 0.5mL Amber Glass Flat Bottom Vials, 9x17mm | 100 |
| 4100FB-930 | 1.0mL Clear Glass Flat Bottom Vials, 9x30mm | 100 |
| 4100FB-930A | 1.0mL Amber Glass Flat Bottom Vials, 9x30mm | 100 |
| 4150FB-944 | 1.5mL Clear Glass Flat Bottom Vials, 9x44mm | 100 |
| 4150FB-944A | 1.5mL Amber Glass Flat Bottom Vials, 9x44mm | 100 |
| 4200FB-950 | 2.0mL Clear Glass Flat Bottom Vials, 9x50mm | 100 |
| 4200FB-950A | 2.0mL Amber Glass Flat Bottom Vials, 9x50mm | 100 |
| 4250FB-975 | 2.5mL Clear Glass Flat Bottom Vials, 9x75mm | 100 |

Glass Round Bottom Vials

| Cat. No. | Description | Qty |
|------------|--|-----|
| 4200RB-950 | 2.0mL Clear Glass Round Bottom Vials, 9x50mm | 100 |

Polypropylene Conical and Flat Bottom Vials

| Cat. No. | Description | Qty |
|------------|---|-----|
| 4050P-917 | 0.5mL Polypropylene Conical Vials, 9x17mm | 100 |
| 4100P-930 | 1.0mL Polypropylene Conical Vials, 9x30mm | 100 |
| 4150P-944 | 1.5mL Polypropylene Conical Vials, 9x44mm | 100 |
| 4200P-950 | 2.0mL Polypropylene Conical Vials, 9x50mm | 100 |
| 4200FP-950 | 2.0mL Polypropylene Flat Bottom Vials, 9x50mm | 100 |

Glass Conical Vials in Vial Loader

| Cat. No. | Description | Qty |
|-------------|--|-----|
| 4050-917VL | 0.5mL Clear Glass Conical Vials in Vial Loader, 9x17mm | 96 |
| 4050-917AVL | 0.5mL Amber Glass Conical Vials in Vial Loader, 9x17mm | 96 |
| 4100-930VL | 1.0mL Clear Glass Conical Vials in Vial Loader, 9x30mm | 96 |
| 4100-930AVL | 1.0mL Amber Glass Conical Vials in Vial Loader, 9x30mm | 96 |
| 4150-944VL | 1.5mL Clear Glass Conical Vials in Vial Loader, 9x44mm | 96 |
| 4150-944AVL | 1.5mL Amber Glass Conical Vials in Vial Loader, 9x44mm | 96 |
| 4200-950VL | 2.0mL Clear Glass Conical Vials in Vial Loader, 9x50mm | 96 |
| 4200-950AVL | 2.0mL Amber Glass Conical Vials in Vial Loader, 9x50mm | 96 |

Glass Flat Bottom Vials in Vial Loader

| Cat. No. | Description | Qty |
|--------------|--|-----|
| 4050FB-917VL | 0.5mL Clear Glass Flat Bottom Vials in Vial Loader, 9x17mm | 96 |
| 405FB-917AVL | 0.5mL Amber Glass Flat Bottom Vials in Vial Loader, 9x17mm | 96 |
| 4100FB-930VL | 1.0mL Clear Glass Flat Bottom Vials in Vial Loader, 9x30mm | 96 |
| 410FB-930AVL | 1.0mL Amber Glass Flat Bottom Vials in Vial Loader, 9x30mm | 96 |
| 4150FB-944VL | 1.5mL Clear Glass Flat Bottom Vials in Vial Loader, 9x44mm | 96 |
| 415FB-944AVL | 1.5mL Amber Glass Flat Bottom Vials in Vial Loader, 9x44mm | 96 |
| 4200FB-950VL | 2.0mL Clear Glass Flat Bottom Vials in Vial Loader, 9x50mm | 96 |
| 420FB-950AVL | 2.0mL Amber Glass Flat Bottom Vials in Vial Loader, 9x50mm | 96 |

Glass Round Bottom Vials in Vial Loader

| Cat. No. | Description | Qty |
|--------------|---|-----|
| 4200RB-950VL | 2.0mL Clear Glass Round Bottom Vials in Vial Loader, 9x50mm | 96 |

96-Well Multi-Tier™ Micro Plate System (Patented)

Replacement Vials for 96-Well Multi-Tier™ Micro Plate System

Polypropylene Conical and Flat Bottom Vials in Vial Loader

| Cat. No. | Description | Qty |
|--------------|--|-----|
| 4050P-917VL | 0.5mL Polypropylene Conical Vials in Vial Loader, 9x17mm | 96 |
| 4100P-930VL | 1.0mL Polypropylene Conical Vials in Vial Loader, 9x30mm | 96 |
| 4150P-944VL | 1.5mL Polypropylene Conical Vials in Vial Loader, 9x44mm | 96 |
| 4200P-950VL | 2.0mL Polypropylene Conical Vials in Vial Loader, 9x50mm | 96 |
| 4200FP-950VL | 2.0mL Polypropylene Flat Bottom Vials in Vial Loader, 9x50mm | 96 |

Vial Remover Tool



- Use tool to easily remove 9mm vials from the 96-well base plate

| Cat. No. | Description | Qty |
|----------|-------------------|-----|
| 4000-VR | Vial Remover Tool | 1 |

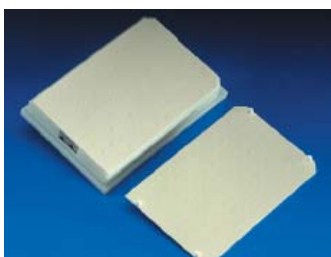
Sealing Systems for 96-Well Multi-Tier™ Micro Plate

- The Liners designed specifically for the 96-Well Multi-Tier Micro Plate preserves sample integrity and prevents cross contamination
- Our sealing systems prevent evaporative losses and contamination from ambient air
- The PTFE faced medical grade silicone mats meet U.S.P. Class VI requirements

Prescored Recessed Well Flat Liner with Cross Slits

- Cross slits permit easier needle penetration
- Liner locks into the plate to prevent vial pull out

| Cat. No. | Description | Qty |
|--------------|---|-----|
| 996070RW-812 | Prescored Recessed Well PTFE/Silicone/PTFE Flat Liner | 5 |

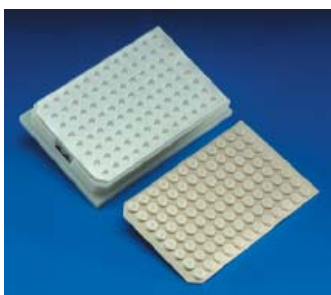


PTFE/Silicone/PTFE Flat Liner

Molded 96 Plug Mat

- Mat locks into the 9mm vials to create an inert sample environment

| Cat. No. | Description | Qty |
|------------|--|-----|
| 996015-812 | Molded Silicone Mat, 96 Plugs | 5 |
| 996035-812 | Prescored Molded Silicone Mat, 96 Plugs | 5 |
| 996050-812 | Molded PTFE/Silicone Mat, 96 Plugs | 5 |
| 996075-812 | Prescored Molded PTFE/Silicone Mat, 96 Plugs | 5 |



Molded Mat -96 plugs seal individual vials to isolate samples

Molded PTFE/Silicone Strips and Individual Plugs

| Cat. No. | Description | Qty |
|--------------|--|-----|
| 96050-8STRIP | Molded PTFE/Silicone Strip, 8 Plugs | 12 |
| 96075-8STRIP | Prescored Molded PTFE/Silicone Strip, 8 Plugs | 12 |
| 9605-12STRIP | Molded PTFE/Silicone Strip, 12 Plugs | 8 |
| 9607-12STRIP | Prescored Molded PTFE/Silicone Strip, 12 Plugs | 8 |
| 96050-8PLUG | Molded PTFE/Silicone Plug, Single Plug | 100 |
| 96075-8PLUG | Prescored Molded PTFE/Silicone Plug, Single Plug | 100 |



Molded 8-plug strips and individual plugs allow limited sample testing

96-Well Multi-Tier™ Micro Plate System (Patented)

Sealing Systems for 96-Well Multi-Tier™ Micro Plate

Push Cap Mat for 9mm Vials in 96-well Multi-Tier Plates

- *Material: Thermoplastic Elastomer (TPE)*
- *A single push of the mat simultaneously closes 96 individual vials*
- *Storage temperature down to -80° C*
- *Certified free of DNA, RNA, Dnase, Rnase, endotoxins/pyrogenics*
- *Packaging - 10 mats per pack*



| Cat. No. | Description | Qty |
|----------|-----------------------|-----|
| 96PCM-W | Push Cap Mat - White | 10 |
| 96PCM-BL | Push Cap Mat - Black | 10 |
| 96PCM-B | Push Cap Mat - Blue | 10 |
| 96PCM-R | Push Cap Mat - Red | 10 |
| 96PCM-G | Push Cap Mat - Green | 10 |
| 96PCM-Y | Push Cap Mat - Yellow | 10 |
| 96PCM-O | Push Cap Mat - Orange | 10 |

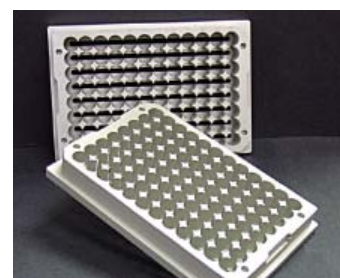
Aluminum 96-Well Micro Plate System (Patented)

Finneran Products Certified For Science™



The Solid Aluminum Base Plate and the Vented Aluminum Base Plate are ideal for use with volatile solvents or for situations requiring uniform heating and cooling of samples.

- Standard 8x12 (96 well) footprint with a stamped alpha-numeric ID grid
- Base plate design assures uniform heating and cooling of samples
- Immersion of vented base plate in liquids allows total fluid contact with the vials.
- Use of aluminum promotes more efficient heat transfer
- Reusable anodized aluminum metal plate prevents finger print smudges and discoloration to provide years of use
- Ideal for freeze drying samples, volatile solvents, salt screening, High-throughput Solubility, and Physical Characterization
- Secure vial fit prevents cross-talk and contamination
- Choice of glass conical and flat bottom vials in 5 sizes: 0.5mL, 1.0mL, 1.5mL, 2.0mL and 2.5mL
- Choose a sealing method from the variety of molded mats and sealing films



Vented Base Plate System

Solid Aluminum Base Plate System*

| Cat. No. | Description | Qty |
|-------------|--|----------|
| 9996-812AST | Solid Aluminum, 96-Well Base Plate w/Tapped Corner Holes | 1 Plate |
| 9996-812AT | Vented Aluminum, 96-Well Base Plate w/Tapped Corner Holes | 1 Plate |
| 9900AC-812 | Aluminum Cover for Base Plate | 1 Piece |
| SCREW-500mL | Stainless Steel Screws for 0.5mL Aluminum 96-Well Base Plate | 4 Pieces |
| SCREW-1.0mL | Stainless Steel Screws for 1.0mL Aluminum 96-Well Base Plate | 4 Pieces |
| SCREW-1.5mL | Stainless Steel Screws for 1.5mL Aluminum 96-Well Base Plate | 4 Pieces |
| SCREW-2.0mL | Stainless Steel Screws for 2.0mL Aluminum 96-Well Base Plate | 4 Pieces |
| SCREW-2.5mL | Stainless Steel Screws for 2.5mL Aluminum 96-Well Base Plate | 4 Pieces |

* Assembled Solid Aluminum Base Plate Systems are available - please contact us for more information.

Glass Vials for Aluminum 96-Well Micro Plate System

- 9mm Glass vials are manufactured of Type I Borosilicate glass
- All Glass Vials are available Silanized



Glass Vials for Plate System

| Cat. No. | Description | Qty |
|------------|---------------------------------------|-----|
| 4050-917 | 0.5mL Glass Conical Vials, 9x17mm | 100 |
| 4100-930 | 1.0mL Glass Conical Vials, 9x30mm | 100 |
| 4150-944 | 1.5mL Glass Conical Vials, 9x44mm | 100 |
| 4200-950 | 2.0mL Glass Conical Vials, 9x50mm | 100 |
| 4050FB-917 | 0.5mL Glass Flat Bottom Vials, 9x17mm | 100 |
| 4100FB-930 | 1.0mL Glass Flat Bottom Vials, 9x30mm | 100 |
| 4150FB-944 | 1.5mL Glass Flat Bottom Vials, 9x44mm | 100 |
| 4200FB-950 | 2.0mL Glass Flat Bottom Vials, 9x50mm | 100 |
| 4250FB-975 | 2.5mL Glass Flat Bottom Vials, 9x75mm | 100 |

Aluminum 96-Well Micro Plate System (Patented)



Vial loader is fast and convenient for loading vials into the base plate

To use the Vial Loader:

1. Peel away the packaging and place an empty Base Plate on top of the vial loader.
2. Invert the entire unit and the plate is ready to use.



Vial Remover Tool



Molded mats and strips seal individual vials to isolate samples



Molded individual plugs allow limited sample testing

Vial Loader for Aluminum 96-Well Micro Plate System

| Cat. No. | Description | Qty |
|--------------|--|-----|
| 4050-917VL | 0.5mL Glass Conical Vials in Vial Loader, 9x17mm | 96 |
| 4100-930VL | 1.0mL Glass Conical Vials in Vial Loader, 9x30mm | 96 |
| 4150-944VL | 1.5mL Glass Conical Vials in Vial Loader, 9x44mm | 96 |
| 4200-950VL | 2.0mL Glass Conical Vials in Vial Loader, 9x50mm | 96 |
| 4050FB-917VL | 0.5mL Glass Flat Bottom Vials in Vial Loader, 9x17mm | 96 |
| 4100FB-930VL | 1.0mL Glass Flat Bottom Vials in Vial Loader, 9x30mm | 96 |
| 4150FB-944VL | 1.5mL Glass Flat Bottom Vials in Vial Loader, 9x44mm | 96 |
| 4200FB-950VL | 2.0mL Glass Flat Bottom Vials in Vial Loader, 9x50mm | 96 |
| 4000-VR* | Vial Remover Tool | 1 |

* Use tool to easily remove 9mm vials from the 96-well base plate

Sealing Systems for 96-Well Multi-Tier™ Micro Plate

- The Liners designed specifically for the 96-Well Multi-Tier™ Micro Plate preserves sample integrity and prevents cross contamination
- Our sealing systems prevent evaporative losses and contamination from ambient air
- The PTFE faced medical grade silicone mats meet U.S.P. Class VI requirements

Molded 96-Plug Mat

- Mat locks into the 9mm vials to create an inert sample environment

| Cat. No. | Description | Qty |
|------------|--|-----|
| 996015-812 | Molded Silicone Mat, 96 Plugs | 5 |
| 996035-812 | Prescored Molded Silicone Mat, 96 Plugs | 5 |
| 996050-812 | Molded PTFE/Silicone Mat, 96 Plugs | 5 |
| 996075-812 | Prescored Molded PTFE/Silicone Mat, 96 Plugs | 5 |

Molded PTFE/Silicone Strips and Individual Plugs

| Cat. No. | Description | Qty |
|--------------|--|-----|
| 96050-8STRIP | Molded PTFE/Silicone Strip, 8 Plugs | 12 |
| 96075-8STRIP | Prescored Molded PTFE/Silicone Strip, 8 Plugs | 12 |
| 9605-12STRIP | Molded PTFE/Silicone Strip, 12 Plugs | 8 |
| 9607-12STRIP | Prescored Molded PTFE/Silicone Strip, 12 Plugs | 8 |
| 96050-8PLUG | Molded PTFE/Silicone Plug, Single Plug | 100 |
| 96075-8PLUG | Prescored Molded PTFE/Silicone Plug, Single Plug | 100 |

Snap Seal™ Vials and Snap Top Caps™ for 96-Well Multi-Tier™ Micro Plate System

Finneran Products Certified For Science™

- Designed to fit the 96-Well Multi-Tier Micro Plate System providing maximum flexibility
- Choice of glass conical, tapered, and flat bottom vials in four sizes: 0.5mL, 0.75mL, 1.0mL, and 2.0mL
- Glass vials provide an inert solvent resistant environment for samples
- Conical and tapered design of the vials allows sample access down to 10µL
- Compatible with all autosamplers and robotic systems
- All glass vials are available Silanized



Use 8mm Precision Fit Snap Cap to seal individual vials



9mm OD vials fit securely in the Multi-Tier Micro Plate Base



Use 8mm Precision Fit Snap Cap to seal individual vials



Topas Base Plate and Spacer

Glass Snap Seal™ Vials, 8mm Crimp Finish

| Cat. No. | Description | Qty |
|-------------|---|-----|
| 30508-922 | 0.5mL Glass Conical Snap Seal™ Vial, 9 x 22mm, 8mm Crimp | 100 |
| 30508FB-922 | 0.5mL Glass Flat Bottom Snap Seal™ Vial, 9 x 22mm, 8mm Crimp Finish | 100 |
| 307508-936 | 0.75mL Glass Conical Snap Seal™ Vial, 9 x 36mm, 8mm Crimp | 100 |
| 307508T-936 | 0.75mL Glass Tapered Snap Seal™ Vial, 9 x 36mm, 8mm Crimp | 100 |
| 31008-946 | 1.0mL Glass Conical Snap Seal™ Vial, 9 x 46mm, 8mm Crimp | 100 |
| 31008FB-946 | 1.0mL Glass Flat Bottom Snap Seal™ Vial, 9 x 46mm, 8mm Crimp Finish | 100 |
| 31008T-946 | 1.0mL Glass Tapered Snap Seal™ Vial, 9 x 46mm, 8mm Crimp | 100 |
| 32008FB-950 | 2.0mL Glass Flat Bottom Snap Seal™ Vial, 9x50mm, 8mm Crimp Finish | 100 |

Precision Fit Snap Top Caps™ for Conical and Tapered Glass Snap Seal™ Vials, 8mm Crimp Finish

| Cat. No. | Description | Qty |
|----------|--|-----|
| 5810-08 | 8mm Precision Fit Clear Snap Cap, 10mil PTFE | 100 |
| 5840-08 | 8mm Precision Fit Clear Snap Cap, PTFE/Butyl Rubber | 100 |
| 5850-08 | 8mm Precision Fit Clear Snap Cap, PTFE/Silicone | 100 |
| 5860-08 | 8mm Precision Fit Clear Snap Cap, PTFE/Silicone/PTFE | 100 |
| 5870-08 | 8mm Precision Fit Clear Snap Cap, PTFE/Silicone w/Slit | 100 |

96-Well Multi-Tier™ Micro Plate System - Base Plate and Spacers

Assemble your own 96-Well Multi-Tier™ Micro Plate System:

| | |
|---------------|---------------------------------------|
| 0.5mL System | Requires Base Plate Only |
| 0.75mL System | Requires one Spacer and Base Plate |
| 1.0mL System | Requires two Spacers and Base Plate |
| 2.0mL System | Requires three Spacers and Base Plate |

ABS Base Plate - ABS (Acrylic Butyl Styrene) has good chemical resistance against acid and bases, are heat resistant up to 80°C, and can be centrifuged to 2,500 rpms.

Topas Base Plate - Topas (COC - Cyclic Olefin Copolymers) have excellent clarity and heat/chemical resistance. Plates can be autoclaved and sterilized, are heat resistant to 150°C, and are UV transparent down to 300nm.

| Cat. No. | Description | Qty |
|-----------|--|---------|
| 9900-812 | Spacer for Plate System - ABS material | 1 Piece |
| 9900-812T | Spacer for Plate System - Topas material | 1 Piece |
| 9996-812 | 96-Well Base Plate - ABS material | 1 Piece |
| 9996-812T | 96-Well Base Plate - Topas material | 1 Piece |

Snap Seal™ Vials and Snap Top Caps™ for 96-Square Deep Well Microplates

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Conical vials are manufactured of Type I Borosilicate Glass



8mm OD vials fit securely in 96-square deep well plates like Greiner, Matrix and Ritter

- Designed to fit 96-Square Deep Well Microplates
- Choice of glass conical and tapered vials in 3 sizes: 400µL, 750µL, and 800µL
- Glass vials provide an inert solvent resistant environment for samples
- Conical and tapered design of the vials allows sample access down to 10µL
- Compatible with autosamplers and robotic systems
- All Glass Vials are available Silanized

Glass Snap Seal™ Vials, 8mm Snap Seal™ & Crimp Finish

| Cat. No. | Description | Qty |
|--------------|--|-----|
| 9920-96PP | 96-Square Deep Well Polypropylene Plate | 1 |
| 30408-822* | 400µL Glass Conical Snap Seal™ Vial, 8x22mm, 8mm Snap Seal™ Finish | 100 |
| 307508-836 | 750µL Glass Conical Snap Seal™ Vial, 8x36mm, 8mm Snap Seal™ Finish | 100 |
| 30808T-846 | 800µL Glass Tapered Snap Seal™ Vial, 8x46mm, 8mm Snap Seal™ Finish | 100 |
| 30808CT-846 | 800µL Glass Tapered Crimp Vial, 8x46mm, 8mm Crimp Finish | 100 |
| 3088CT-846VL | 800µL Glass Tapered Crimp Vial, 8x46mm, 8mm Crimp Finish in Vial Loader | 96 |
| 31008RB-846 | 800µL Glass Round Bottom Snap Seal™ Vial, 8x46mm, 8mm Snap Seal™ Finish | 100 |
| 3108RB-846VL | 800µL Glass Round Bottom Snap Seal™ Vial, 8x46mm, 8mm Snap Seal™ Finish in Vial Loader | 96 |

* 400µL conical vial must be capped prior to placement in the 96-well microplate

Precision Fit Snap Top Caps™ for Glass Snap Seal™ Vials, 8mm Snap Seal™ Finish

| Cat. No. | Description | Qty |
|----------|--|-----|
| 5810-08 | 8mm Precision Fit Clear Snap Cap, 10mil PTFE | 100 |
| 5840-08 | 8mm Precision Fit Clear Snap Cap, PTFE/Butyl Rubber | 100 |
| 5850-08 | 8mm Precision Fit Clear Snap Cap, PTFE/Silicone | 100 |
| 5860-08 | 8mm Precision Fit Clear Snap Cap, PTFE/Silicone/PTFE | 100 |
| 5870-08 | 8mm Precision Fit Clear Snap Cap, PTFE/Silicone w/Slit | 100 |



Use 8mm Precision Fit Snap Cap to seal individual vials

Glass Inserts and Molded Mats for Standard 96-Square Deep Well Microplates

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System uses 96 glass tapered inserts in a 96-square deep well plate.

An ideal solution for sample storage, reactive chemistry and biological testing.

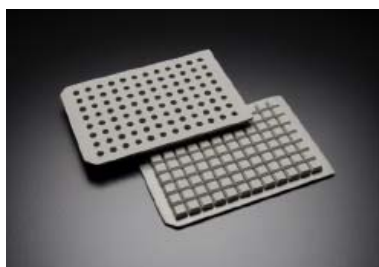
- Polypropylene plate, glass inserts, and molded mats can be autoclaved and sterilized.
- Plates have a standard 8x12 foot-print with etched 1-12 by A-H grid.
- Snug fit of glass inserts allows use with shakers and vortex mixers.

96-Well Polypropylene Plate and Glass Inserts

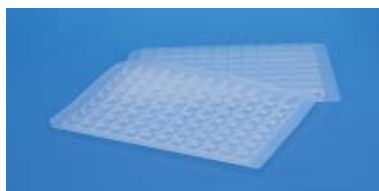
- Push point insert tip design allows sample access down to 10 μ L
- Glass vials provide an inert solvent resistant environment for samples
- Assembled plate has excellent thermal stability and chemical resistance
- 700 μ L inserts assembled in the square well plate can be sealed with a Molded 96-Square Well Mat
- 1.0mL inserts assembled in the square well plate can be sealed with a Molded 96-Round Well Mat
- Compatible with autosamplers and robotic systems
- All Glass Inserts are available Silanized

| Cat. No. | Description | Qty |
|--------------|--|-----|
| 9920-96PP | 96-Square Deep Well Polypropylene Plate | 1 |
| 4070-837 | 700 μ L Glass Tapered Insert, 8x37mm | 100 |
| 4070-837A | 700 μ L Amber Glass Tapered Insert, 8x37mm | 100 |
| 4070-837VL | 700 μ L Glass Tapered Insert, 8x37mm, in Vial Loader | 96 |
| 4070FT-837 | 700 μ L Glass Flat Tip Tapered Insert, 8x37mm | 100 |
| 4070FPT-837 | 700 μ L Glass Flat Pulled Tapered Insert, 8x37mm | 100 |
| 407FPT-837VL | 700 μ L Glass Flat Pulled Tapered Insert, 8x37mm, in Vial Loader | 96 |
| 405-845 | 1.0mL Glass Conical Tapered Insert, 8x45mm | 100 |
| 405-845A | 1.0mL Amber Glass Conical Tapered Insert, 8x45mm | 100 |
| 405-845VL | 1.0mL Glass Conical Tapered Insert, 8x45mm, in Vial Loader | 96 |
| 405FT-845 | 1.0mL Glass Flat Tip Tapered Insert, 8x45mm | 100 |
| 405FT-845VL | 1.0mL Glass Flat Tip Tapered Insert, 8x45mm, in Vial Loader | 96 |
| 9907-812PP | 96-Square Deep Well Plate Assembled with 700 μ L Tapered Insert | 1 |
| 9910-812PP | 96-Square Deep Well Plate Assembled with 1.0mL Tapered Insert | 1 |
| 9910FT-812PP | 96-Square Well Plate Assembled w/1.0mL Tapered Flat Tip Insert | 1 |

Glass Inserts and Molded Mats for Standard 96-Square Deep Well Microplate



Square Well Molded Mat



976050SW-96



Round Well Molded Mat

Molded Mats for 700µL Inserts Assembled in 96-Square Deep Well Plate

- *Manufactured from medical grade silicone*
- *Autoclavable and excellent chemical compatibility*

| Cat. No. | Description | Qty |
|-------------|--|-----|
| 996050SW-96 | 96-Square Well - Gray Molded PTFE/Silicone Mat | 5 |
| 996075SW-96 | 96-Square Well - Prescored Gray Molded PTFE/Silicone Mat | 5 |
| 997005SW-96 | 96-Square Well - Green Molded Silicone only Mat | 5 |
| 997075SW-96 | 96-Square Well - Prescored Green Molded Silicone only Mat | 5 |
| 976050SW-96 | 96-Square Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |
| 976075SW-96 | 96-Square Pre-Slit Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |
| 976250SW-96 | 96-Square Ultra Low Bleed Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |
| 976275SW-96 | 96-Square Pre-Slit Ultra Low Bleed Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |

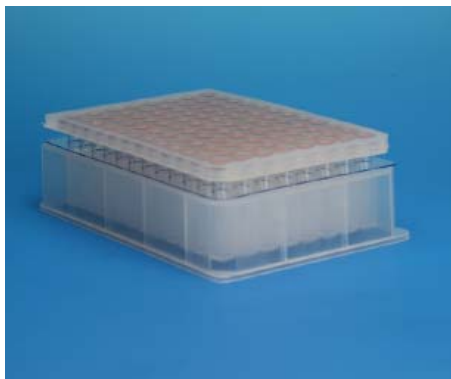
Molded Mats for 1.0mL Inserts Assembled in 96-Square Deep Well Plate

- *Round liner plug locks into 8mm glass inserts assembled in the 96-Square Deep Well Plate*
- *Manufactured from medical grade silicone*
- *Autoclavable and excellent chemical compatibility*

| Cat. No. | Description | Qty |
|--------------|---|-----|
| 986050VP-812 | 96-Round Well - Blue Molded PTFE/Silicone Mat | 5 |
| 986075VP-812 | 96-Round Well - Prescored Blue Molded PTFE/Silicone Mat | 5 |
| 987050VP-812 | 96-Round Well - Blue Molded Silicone only Mat | 5 |
| 987075VP-812 | 96-Round Well - Prescored Blue Molded Silicone only Mat | 5 |

96-Well Plate with Glass Inserts Designed for High Throughput Chromatography

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Glass inserts loaded in the 96-well plate performs similar to standard 12x32mm vials for Chromatography testing. 96-well pierceable Cap Mat is lined with the same PTFE/Silicone septa used in closures for Chromatography.

- Glass inserts provide an inert solvent resistant environment for samples.
- Assembled plate has excellent thermal stability.
- Pierceable Cap Mat is designed to seal crimp top or flanged inserts, ensuring sample integrity.
- Cap Mat assembles easily with the inserts in the plate - no need for machines to seal the plate.
- Compatible with autosamplers and robotic systems.

96-Well Polypropylene Plate and Glass Inserts

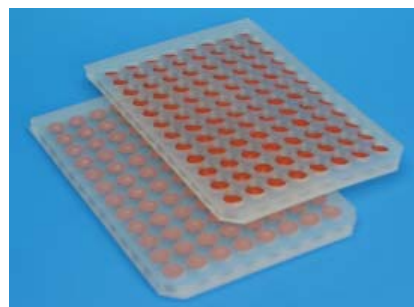
| Cat. No. | Description | Qty |
|--------------|---|---------|
| 4035FT-632 | 350µL Glass Conical Pulled Point Insert with Flange, 6x32mm | 100 |
| 4035FT-632VL | 350µL Glass Conical Pulled Point Insert with Flange, 6x32mm, in Vial Loader | 96 |
| 786201 | 96-Well Polypropylene MasterBlock® Plate, 600µL, V Shape Bottom | 1 Plate |
| 99035-812PP | 96-Well Polypropylene Plate Assembled with 350µL Glass Conical Pulled Point Inserts with Flange | 1 Plate |



4035FT-632VL
350µL Glass Conical Pulled Point Insert with Flange, 6x32mm, in Vial Loader

Pierceable Cap Mat PTFE/Silicone Lined

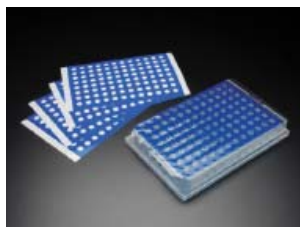
| Cat. No. | Description | Qty |
|-------------|---|-----|
| 96050FW-812 | 96-Well Pierceable Cap Mat, Clear PTFE/Orange Silicone Lined, for Crimp Top or Flanged Inserts in MicroPlates | 1 |
| 96075FW-812 | 96-Well Pierceable Cap Mat, Clear PTFE/Orange Silicone Lined with Slit, for Crimp Top or Flanged Inserts in MicroPlates | 1 |



96050FW-812

Sealing Films for 96-Well Microplates

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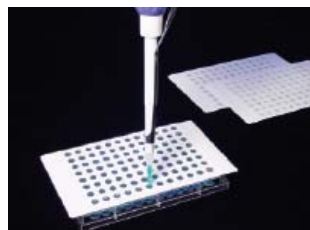


PTFE sealing film has an adhesive free area around each well so plastic pipette tips and metal probes stay clean.

96-Well Pattern Blue PTFE Sealing Film (Patented)

- Solvent-free adhesives adheres to polypropylene, polystyrene and polycarbonate materials
- PTFE film is compatible with aqueous solutions and organic solvents
- Excellent chemical resistance, resistant to DMSO
- Works in Autosamplers with no coring of material and no clogging of needles
- Prevents cross-contamination and evaporation
- Adhesive is resistant to leaching and breakdown
- Functional temperatures range -80°C to +120°C

| Cat. No. | Description | Qty |
|----------|-------------------------------------|-----|
| BST-9790 | 2mil Blue PTFE 96-Well Pattern Film | 100 |



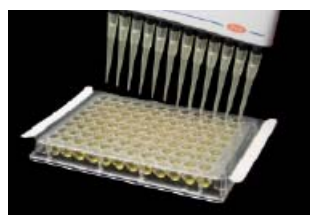
The adhesive-free zone above each well prevents adhesive fouling of the pipet tip or probe, ultimately minimizing the amount of adhesive that comes into contact with the sample.

96-Well Adhesive Free Zone Sealing Film (Patent Pending)

With a 70µm top layer and inert white polypropylene and acrylic adhesive sublayer, this easy-piercing sealing film allows direct sample recovery with single or multichannel pipettors and robotic probes.

- Dimensions are 79.4mm x 142.9mm for 96-well plates
- Clear zones and end tabs facilitate well alignment and accurate positioning
- Inert, chemical resistant
- Functional temperature range -40°C to +90°C

| Cat. No. | Description | Qty |
|-----------|---------------------------------|-----|
| ZAF-PE-50 | Adhesive Free Zone Sealing Film | 50 |



EZ-Pierce™ Sealing Films

EZ-Pierce™ Sealing Films

Easily pierceable, 70µm thick, polyethylene with acrylic adhesive, EZ-Pierce™ sealing films allow direct sample recovery with single or multichannel pipettors and robotic probes.

- Dimensions are 82.6mm x 142.9mm for 96-well plates
- Easily pierceable with pipet tips or robotic probes
- Inert, chemical resistant
- Functional temperature range -40°C to +90°C

| Cat. No. | Description | Qty |
|------------|------------------------|-----|
| EZP-NL-100 | EZ-Pierce Sealing Film | 100 |

Sealing Films for 96-Well Microplates

AlumaSeal 96™ Sealing Films



A 38 µm thick aluminum foil sealing film for use with 96-well plates. Fits inside the rim of raised-rim plates.

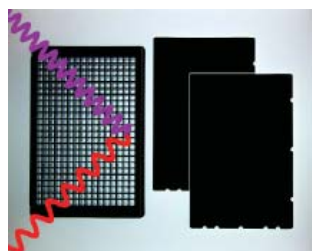
AlumaSeal 96™ sealing films have one partial-width end tab with no perforations.

- Fits inside rim of raised-rim plate
- Heat & cold resistant, recommended for temperatures from -40°C to +150°C
- Easily pierceable
- Certified DNase-, RNase-, and nucleic-acid-free
- Dimensions: 127mm x 78mm (including single 9.5mm end tab)

| Cat. No. | Description | Qty |
|----------|----------------------------|-----|
| F-96-100 | AlumaSeal 96 Sealing Films | 100 |
| PDL-5 | Film-Sealing Paddles* | 5 |

* Completing application of AlumaSeal 96 sealing films by pressing with an accessory film-sealing paddles assures a secure uniform seal around all wells. The paddle fits within the rim of a raised-well plate.

AbsorbMax™ Sealing Films for Fluorescence and Photoprotection



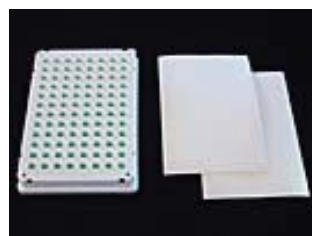
AbsorbMax™ Black Sealing Films

AbsorbMax™ sealing films are 203µm thick black vinyl films with 37µm acrylic adhesive for use with 96-well, 384-well, and 1536-well black microplates. The sealing films may be applied to either the top or bottom of the plate. A split backing aids in applying the sealing film properly. Edge cutouts assist in positioning and accommodate ribs on the plate bottom. The light-blocking and absorbing properties of AbsorbMax™ sealing films make them ideal for protecting light-sensitive samples during storage. In fluorescence applications they reduce stray light and well-to-well crosstalk. For top-reading fluorescence applications, apply the black sealing film to the plate bottom with clear-bottom wells. For bottom-reading fluorescence, use the black sealing film as a top seal. AbsorbMax™ sealing films will fit within the rim of raised-rim plates.

- Black light-absorbing sealing films for use with black microplates
- May be applied to top or bottom of plate
- Protect light-sensitive samples during storage
- Reduce stray light and crosstalk in fluorescence assays
- Dimensions: 76.2mm x 114.3mm
- Recommended temperature range: -40°C to +80°C

| Cat. No. | Description | Qty |
|----------|---|-----|
| BK-50 | AbsorbMax™ Black Sealing Films for Luminescence Assays, Vinyl, 203µm Thick, Opaque, Non-Sterile | 50 |

BrightMax™ Sealing Films for Luminescence and Microscopy



BrightMax™ White Sealing Films

BrightMax™ sealing films are 203µm thick white vinyl films with 37µm acrylic adhesive for use with white microplates. The sealing films may be applied to either the top or bottom of the plate. A split backing aids in applying the sealing film properly. The light-reflective properties of BrightMax™ plate-sealing films on clear-bottom plates maximize sensitivity of bioluminescence and chemiluminescence assays in bottom-reading luminometers. White films also have application as a backing matrix for microscopy of punchout samples from filter plates, for example in ELISPOT assays. A backing split singly on the long dimension aids in applying film to plates.

- White light-reflecting sealing films for use with white microplates
- May be applied to top or bottom of plate
- Maximize intensity and signal-to-noise ratios in luminescence assays
- Additional applications for mounting and storage of filters for microscopy, for example in ELISPOT assays
- Dimensions: 76.2mm x 116mm with no end tabs
- Recommended temperature range: -40°C to +80°C

| Cat. No. | Description | Qty |
|----------|--|-----|
| WT-50 | BrightMax™ White Sealing Films for Fluorescence, Luminescence Photoprotection, Vinyl, 203µm Thick, Opaque, Non-Sterile | 50 |

Sealing Films for 96-Well Microplates



X-Pierce™ Sealing Films

X-Pierce™ Precut Pierceable Sealing Films for Automation

Also useful for protecting contents of plate from contamination during multiple manual reagent additions over time. X-Pierce™ sealing films are 89µm thick vinyl with a 18µm thick adhesive layer, designed for temporary protection from contamination and evaporation for samples in 96-well plates. A precut "X" over each well creates four flaps that easily bend downward when pushed by a robotic probe or pipet tip, allowing sample access without coring or adhesive fouling. A thin adhesive layer and special hairline cuts separating the X-Pierce flaps combine to prevent probes from contacting adhesive and becoming occluded. The flaps return to their original position after sampling for continued protection. For long-term sample protection after sampling, a continuous sealing film should be applied as a second layer.

- Protect samples and limit evaporation, short-term
- Special hairline X-cuts and thin adhesive prevent fouling or occlusion of probes and tips
- Sealing film reseals for continued sample protection after sampling
- Temperatures -40°C to +90°C
- Dimensions: 79.4mm x 145.5mm

| Cat. No. | Description | Qty |
|----------|--------------------------------------|-----|
| XP-100 | X-Pierce™ Sealing Films, Non-Sterile | 100 |
| XPS-25 | X-Pierce™ Sealing Films, Sterile | 50 |

Sealing Film for HPLC and LC/MS Applications

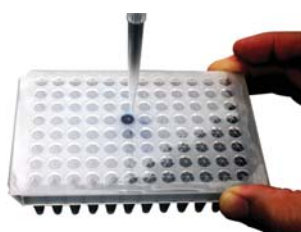


Easy Piercing Seal (EPS)

Easy Piercing Seal (EPS) punctures easily to prevent needle clogging or damage. In addition, no adhesive residues are left on the plate or injector needle. The EPS plate seal is made of polyolefin and is highly resistant to organic solvents. Some suggested applications are HPLC and LC/MS.

- Self-closes instantly
- High resistance to organic solvents such as DMSO, Acetonitrile, and Methanol
- Embossed design pierces easily to prevent needle clogging or damage
- Works with 96-, 384-, and 1536-well plates
- Airtight sealing between -80°C and +80°C
- Adhesive does not remain on the plate after peeling off
- Dimensions: 80mm x 122mm

| Cat. No. | Description | Qty |
|-----------|--|-----|
| RAPID EPS | RAPID EPS Easy Piercing Polyolefin Synthetic Adhesive Sealing Film for HPLC and LC/MS Applications | 100 |



PET Silicone Adhesive Sealing Film

The Slit Seal is a resistant, instant self-closing 96-well plate seal. The adhesive-free, pre-cut slits made of silicone and PET allows easy insertion and withdrawal of pipette tips and sampling needles without dragging. The Slit Seal's main purpose is to prevent solvent evaporation and cross-contamination. Some suggested applications are Automation, SPE, HPLC, LC/MS, ADME, and organic synthesis.

- Self-closes instantly
- No cross-contamination between wells
- Allows next day analysis
- No adhesive on well spots
- Pipette tips insert easily with less friction
- Functional temperature range: -80°C to +37°C
- Dimensions: 80mm x 122mm

| Cat. No. | Description | Qty |
|------------|--|-----|
| RAPID Slit | RAPID Slit PET Silicone Adhesive Sealing Film Pre-Slit for Automation, SPE, HPLC, LC/MS and ADME | 100 |

Sealing Films for Cell and Tissue Culture, ELISA, EIA, and Similar Assays

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AeraSeal™ Microporous Films for Cell and Tissue Culture



AeraSeal sealing films minimize cross-contamination, spillage and evaporation.

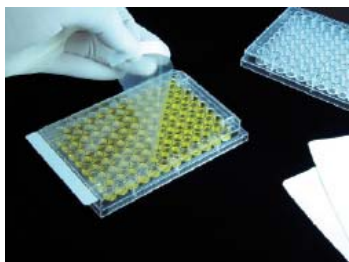
A 114µm thick hydrophobic porous sealing film with medical-grade adhesive for tissue culture plates, bio-blocks, and 96-well plates where gas exchange is necessary for cell or bacterial growth. They allow uniform air and CO₂ exchange for all wells, unlike plate lids which favor exchange for wells near the plate edges.

- Dimensions: 82.6mm x 142.9mm for standard-size tissue culture plates
- Non-cytotoxic, highly gas permeable
- Easily pierceable with pipet tips or pipets for sample recovery
- Recommended for temperatures from -20°C to +80°C

| Cat. No. | Description | Qty |
|-----------|---|-----|
| B-100 | AeraSeal Microporous Film | 100 |
| BS-25 | AeraSeal Microporous Film, Sterile, 2 zip bags of 25 each | 50 |
| RL-PLT-01 | Accessory - Plate Roller* | 1 |

* Completing application of sealing films by pressing with an accessory plate roller assures a secure uniform seal around all wells. The roller fits within the rim of a raised-well plate.

SealPlate® Sealing Films for ELISA, EIA, and Similar Assays



SealPlate™ Sealing Films

SealPlate® 50µm thickness polyester sealing films minimize evaporation, prevent spillage and contamination between wells, and provide a secure seal, not just a cover. Secure sealing of all wells eliminates “edge effects” in sensitive ELISA assays. SealPlate sealing films can also be used with tissue-culture plates for short-term storage, incubation, and containment of biohazards. SealPlate sealing films are non-pierceable. ThinSeal™ polyester sealing films are just 25µm thick, clearer and marginally pierceable with single-channel pipettes for sample recovery.

- Functional temperature range from -40°C to +120°C
- Available sterile and non-sterile
- Dimensions: 79.4mm x 141.0mm

| Cat. No. | Description | Qty |
|--------------|-------------------------------------|-----|
| 100-SEAL-PLT | SealPlate Sealing Film, Non-Sterile | 100 |
| STR-SEAL-PLT | SealPlate Sealing Film, Sterile | 100 |
| 100-THIN-PLT | ThinSeal Sealing Film, Non-Sterile | 100 |
| STR-THIN-PLT | ThinSeal Sealing Film, Sterile | 100 |

SealPlate® MiniStrips for ELISA, EIA, and Similar Assays



SealPlate MiniStrips

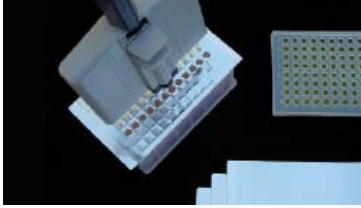
SealPlate® MiniStrips sealing films are identical to SealPlate films above, but designed for sealing only one or two 8-well rows at a time on either strip-well or standard plates whenever rows must be selectively protected or accessed. Each MiniStrips film is 19.0mm x 103.2mm, including two positioning tabs. The long dimension with the tabs removed is 82.6mm. MiniStrips are supplied in sheets of four from which strips can be peeled individually or two-at-a-time for application to plates. Sterile product is packaged in 200µm tamper-evident bags of 200. Two tabs on each strip for easy application and removal.

- Perforated tabs can be removed or sealed around plate edge
- Can be used as secondary seal to cover sealing films that have been pierced

| Cat. No. | Description | Qty |
|------------|-----------------------------------|------------|
| SP-2x8-50 | SealPlate MiniStrips, Non-Sterile | 200 Strips |
| SPS-2x8-50 | SealPlate MiniStrips, Sterile | 200 Strips |

Sealing Films for PCR and Cold Storage

Finneran Products Certified For Science™



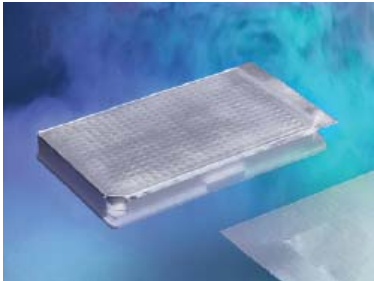
Each sealing film measures 82.6mm x 146.1mm and offers sufficient sealing area for all PCR plates. Length between the perforations with end tabs removed is 125.4mm

AlumaSeal II™ Sealing Film for PCR and Cold Storage

A 38µm soft non-permeable aluminum foil sealing film with strong medical-grade adhesive, AlumaSeal II™ sealing films eliminate the need for heat-sealing devices or mats during thermal cycling. Compared to other aluminum foils, AlumaSeal II has less tendency to roll back on itself when removing the backing paper and conforms well to the plate during application.

- Easily pierceable with single or multichannel pipettors and robotic probes
- Heat and cold resistant, recommended for temperatures from -80°C to 120°C
- Certified DNase-, RNase-, and nucleic-acid-free
- Excellent barrier properties, virtually no sample evaporation or drying

| Cat. No. | Description | Qty |
|-----------|---------------------------|-----|
| AF-100 | AlumaSeal II Sealing Film | 100 |
| RL-PLT-01 | Accessory - Plate Roller | 1 |



Dimensions are 82.6mm x 132.6mm, including the single 9.5mm end tab.

AlumaSeal CS™ Sealing Film for Cold Storage

AlumaSeal CS™ sealing films are specially formulated aluminum foil sealing films with an adhesive that withstands cold storage at temperatures to -80°C. Unlike other sealing films in the AlumaSeal group, AlumaSeal CS™ sealing films are not recommended for PCR or thermocycling. A single non-perforated end tab simplifies application. Simply hold the tab and strip the backing from the body of the sealing film as it lays on the plate to avoid curling.

- Recommended temperature range: -80°C to +130°C
- Certified DNase-, RNase-, and nucleic-acid-free
- Excellent barrier properties to retard evaporation
- Easily pierceable with pipet tips or robotic probes for sample recovery

| Cat. No. | Description | Qty |
|-----------|----------------------------|-----|
| FC-100 | AlumaSeal CS™ Sealing Film | 100 |
| RL-PLT-01 | Accessory - Plate Roller | 1 |



Dimensions are 82.5mm x 137.3mm, including the single 13.5mm end tab.

AlumaSeal 384™ Sealing Film

A 38µm thick aluminum foil sealing film with 38µm layer of acrylic adhesive for use with 384-well plates. AlumaSeal 384™ sealing films have one end tab with no perforations. Pierceable. Available non-sterile only. Sealing film dimensions are 137.3 x 82.5mm (including single 13.5mm end tab).

- Heat & cold resistant, recommended for temperatures from -80 °C to +120 °C
- Certified DNase-, RNase-, and nucleic-acid-free

* Completing application of AlumaSeal 384 sealing films by pressing with the accessory plate roller assures a secure uniform seal around all wells.

| Cat. No. | Description | Qty |
|-----------|---|-----|
| F-384-100 | AlumaSeal 384 Sealing Film, Non-Sterile | 100 |
| RL-PLT-01 | Accessory - Plate Roller | 1 |

Sealing Films for PCR and Cold Storage

ThermalSeal® Sealing Films for PCR



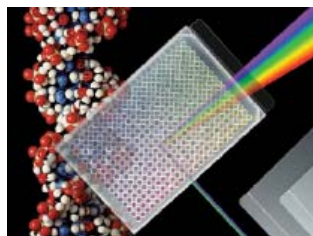
ThermalSeal™ Sealing Films

50µm heat-resistant polypropylene sealing film designed for thermal cycling applications. (Not recommended for PCR plates with narrow or irregular sealing surfaces). Length between the perforations with end tabs removed is 123.1mm. ThermalSeal sealing films are not pierceable. For applications where piercing with pipet tips or robotic probes is required for product recovery, see AlumaSeal II sealing films.

- Heat and cold resistant, recommended for temperatures from -40°C to +120°C
- Easier to apply than aluminum foils, no tendency to roll back
- Certified DNase-, RNase-, and nucleic-acid-free
- Dimensions: 79.4mm x 135.1mm, sufficient sealing area for all PCR plates

| Cat. No. | Description | Qty |
|--------------|------------------------------------|-----|
| 100-THER-PLT | ThermalSeal™ Sealing Film | 100 |
| STR-THER-PLT | ThermalSeal™ Sealing Film, Sterile | 100 |
| RL-PLT-01 | Accessory - Plate Roller | 1 |

ThermalSeal® RT™ Sealing Films for Real-Time PCR



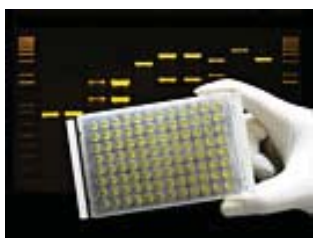
ThermalSeal RT™ Sealing Films

ThermalSeal RT™ sealing films combine an optically transparent polyester sealing film with a strong, ultra-smooth, non-absorbing, non-fluorescing medical-grade adhesive for superior performance in real-time PCR applications. In place of the customary paper backing, ThermalSeal RT™ sealing films have a plastic liner which is easily removed before use and contributes smoothness and extreme optical clarity to the adhesive. Length between the perforations with end tabs removed is 121.9mm.

- “Brilliant” ultra-high optical clarity
- Heat resistant, recommended for temperatures from -40°C to +120°C
- Certified DNase-, RNase-, and nucleic-acid-free
- Dimensions: 79.4mm x 142.9mm

| Cat. No. | Description | Qty |
|------------|---|-----|
| TS-RT2-100 | ThermalSeal RT™ 50-µm-thick Sealing Film, Non-Sterile | 100 |
| RL-PLT-01 | Accessory - Plate Roller | 1 |

ThermalSeal 2™ Sealing Films for PCR



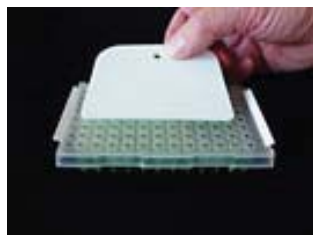
ThermalSeal 2™ Sealing Films

These improved films for classic thermal cycling applications consist of a 50µm polyester film with a 41µm layer of acrylic adhesive. Compared to the original ThermalSeal® films (above), ThermalSeal 2™ films offer better adhesion, reduced evaporation, longer end tabs for easier handling, and less tendency to tear during removal from the plate. Each sealing film offers sufficient sealing area for all PCR plates. Length between the perforations with end tabs removed is 125.1 mm. (Not recommended for raised-rim plates; see ThermalSeal A™ films). ThermalSeal 2™ sealing films are not pierceable. For applications where piercing with pipet tips or robotic probes is required for product recovery, see AlumaSeal® sealing films. For real-time PCR applications where maximum optical clarity is required, see ThermalSeal RT™ and RTS™ sealing films.

- Heat resistant, recommended for temperatures from -40°C to +120°C
- Better adhesion; reduced evaporation
- Longer tabs for easier handling
- Does not tear when removing from plate
- Certified DNase-, RNase-, and nucleic-acid-free
- Dimensions: 79.4mm x 139.7mm

| Cat. No. | Description | Qty |
|-----------|---|-----|
| TS2-100 | ThermalSeal 2™ Sealing Films; Polyester, 50µm Thick, Non-Pierceable, Better Adhesion, Non-Sterile | 100 |
| RL-PLT-01 | Accessory - Plate Roller | 1 |

Sealing Films for PCR and Cold Storage



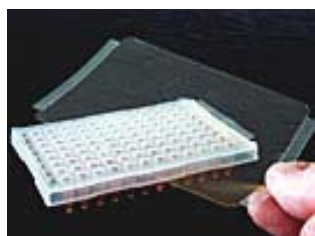
ThermalSeal A™ Sealing Films

ThermalSeal A™ Sealing Films for PCR and Storage

ThermalSeal A™ sealing films are an advanced version of the ThermalSeal® sealing films for PCR. ThermalSeal A™ films consist of 50µm polyester film with a 41µm layer of acrylic adhesive formulated for improved protection against evaporation and leakage during thermal cycling. Intended for non real-time PCR applications, ThermalSeal A™ films are designed to fit inside the edge of raised-rim PCR plates and provide more secure sealing of all wells because the center of the film does not extend over the plate rim. Two end tabs allow for easy positioning of the film on the plate but are perforated for easy removal if necessary. Length between the perforations with end tabs removed is 118.1mm. Each package of ThermalSeal A™ films includes one sealing paddle for ensuring a firm seal, also compatible with raised-rim plates.

- Heat resistant, recommended for temperatures from -40°C to +120°C
- Can be used with raised-rim PCR plates and standard plates
- Two end tabs, perforated for easy removal
- Certified DNase-, RNase-, and nucleic-acid-free
- Dimensions: 77.8mm x 135.5mm overall

| Cat. No. | Description | Qty |
|----------|--|-----|
| TSA-100 | ThermalSeal A™ Sealing Films; Narrow Sealing Surface, Polyester, 50µm Thick, Non-Pierceable | 100 |
| PDL-5 | Film-Sealing Paddles for Pressing Film to Plate, works within edges of Raised-Rim Plates (10 packs of 5) | 50 |



ThermalSeal RT2RR™ Sealing Films

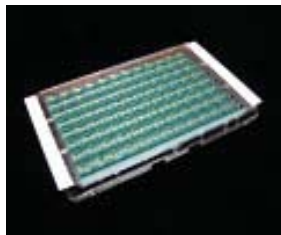
ThermalSeal RT2RR™ Sealing Films for Real-Time PCR

ThermalSeal RT2RR™ 50µm polyester sealing films for real-time PCR are sized to fit within the edges of raised-rim 96-well plates. The same consistent ultra-high optical clarity as ThermalSeal RT™ sealing films makes possible more reproducible, reliable, and consistent DNA amplification measurements. An inert, strong, temperature-resistant adhesive assures reliable sealing around each well. Two end tabs assist in positioning the sealing film. Easy removal of the end tabs at perforated boundaries prevents lifting and higher evaporation rates that can occur with sealing films that overlap the plate rim. Recommended for specific DNA sequence detection in clinical diagnostics, forensic science and basic research. With end tabs removed, length is 118.1mm with 45° corners.

- Ultra-high optical clarity
- Fit within plate rim to prevent evaporation due to sealing film lifting
- Heat resistant, recommended for temperatures from -40°C to +120°C
- Certified DNase-, RNase-, and nucleic-acid-free
- Dimensions: 77.8mm x 130.8mm

| Cat. No. | Description | Qty |
|--------------|--|-----|
| TS-RT2RR-100 | ThermalSeal RT2RR™ Sealing Films; Polyester 50µm-thick Sealing Films, Non-Sterile | 100 |
| PDL-5 | Film-Sealing Paddles for Pressing Film to Plate, works within edges of Raised-Rim Plates (10 packs of 5) | 50 |

Sealing Films for PCR and Cold Storage



ThermalSeal RTS™ Sealing Films



ThermalSeal RTS™ Sealing Films for qPCR, Storage & Crystallization

ThermalSeal RTS™ sealing films are based on 50µm polyolefin films with 50µm inert encapsulated silicone adhesive. They are optically clear, with low autofluorescence, and are especially suited for real-time qPCR, storage, and protein crystallization applications. The encapsulated silicone adhesive is non-tacky until pressed against the sealing surface, at which time adhesive is released only in sealing areas to form the strongest available heat-resistant seal around each well on the plate. Adhesive on non-sealing areas of the film, such as directly over sample wells, remains encapsulated and inert. Sized to fit within the edges of raised-rim 96-well plates. Their consistent high optical clarity makes possible reproducible, reliable, and consistent DNA amplification measurements and crystal detection. Two end tabs assist in positioning the film on the plate, and the non-tacky adhesive surface simplifies handling. Easy removal of the end tabs at perforated boundaries prevents lifting and higher evaporation rates that can occur with films that overlap the plate rim. With end tabs removed, length is 113.0 mm.

- High optical clarity
- Minimal to no autofluorescence
- Chemically inert; no extractables except at extreme pH
- DMSO resistant for HTS
- Heat resistant, recommended for temperatures from -70°C to +100°C
- Certified DNase-, RNase-, and nucleic-acid-free
- Fit within raised plate rim to prevent loss of seal due to film lifting
- Silicone adhesive forms the strongest available seal for evaporation prevention
- Non-tacky adhesive layer simplifies handling of film prior to sealing
- Dimensions: 78.6mm by 139.7mm

| Cat. No. | Description | Qty |
|-------------|--|-----|
| TSS-RTQ-100 | ThermalSeal RTS™ Sealing Films: Non-Sterile | 100 |
| PDL-5 | Film-Sealing Paddles for Pressing Film to Plate, works within edges of Raised-Rim Plates (10 packs of 5) | 50 |

eXTReme™ FoilSeal™



eXTReme™ FoilSeal™

XTR foils offer high performance under extreme conditions. A 48µm soft non-permeable aluminum foil sealing film with 30µm layer of strong acrylic adhesive. FoilSeal™ sealing foils remove cleanly from plate surfaces with no adhesive stringing, residue or contamination. Each sealing foil measures 78.3 x 129mm and offers sufficient sealing area for all plate types (e.g. flat top and raised-rim). Chamfered corners result in no plate overhang for robotics applications. Features one end-tab with perforations. Length between the perforation, with end tab removed and the end of the foil seal, is 118.1mm.

- Universal fit for use with all plate types (e.g. flat top and raised-rim)
- The smaller dimensions and chamfered corners result in no plate overhang for robotics applications
- Single end-tab features a custom perforation that will not tear during removal
- Certified DNase- and RNase- free
- Excellent barrier properties minimizes sample evaporation
- 1.9mil thick aluminum foil minimizes shredding during removal and is ideal for cold storage
- Conformable foil allows visual verification of seal security
- Pierceable with pipet tips and robotic probes for direct sample retrieval
- Specially formulated adhesive provides an excellent seal for all plate materials (e.g. polystyrene, polypropylene and two component polycarbonate/polypropylene PCR plates)
- Foil will remove cleanly from plate surfaces with no adhesive stringing or residue

| Cat. No. | Description | Qty |
|--------------|-------------------------------|-----|
| XTR-FOIL-100 | eXTReme FoilSeal, Non-Sterile | 100 |
| RL-PLT-01 | Accessory - Plate Roller | 1 |

Sealing Films for PCR and Cold Storage

eXTReme™ Seal



eXTReme™ Seal

XTR films offer high performance under extreme conditions. A 2mil polyester film with a 1.65mil layer of strong acrylic adhesive. eXTReme Seal films remove cleanly from plate surfaces without adhesive stringing, residue or contamination. Each sealing film measures 78.3 x 140.5mm and offers sufficient sealing area for all plate types (e.g. flat top and raised-rim). Chamfered corners result in no plate overhang for robotics applications. Features two end-tabs with perforations. Length between perforations, with end tabs removed, is 119mm.

- Universal fit for use with all plate types (e.g. flat top and raised-rim)
- The smaller dimensions and chamfered corners result in no plate overhang for robotics applications
- Two end-tab feature allows for ease of placement of film to plate
- Certified DNase- and RNase- free
- Excellent seal minimizes sample evaporation and reduces well-to-well cross contamination
- Specially formulated adhesive provides an excellent seal for all plate materials, including polycarbonate
- 2mil polyester film will remove cleanly from plate surfaces with no adhesive stringing or residue and will not tear upon removal

| Cat. No. | Description | Qty |
|-----------|---------------------------|-----|
| XTR-100 | eXTReme Seal, Non-Sterile | 100 |
| RL-PLT-01 | Accessory - Plate Roller | 1 |

Molded Sealing Mats for Standard 96-Well Microplates

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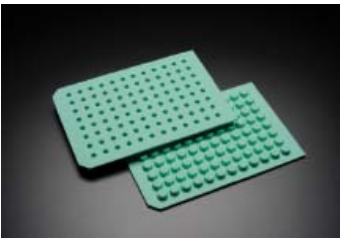


- Designed to fit Standard 96-Well Microplates
- Silicone provides excellent resealability, resists coring and tearing after multiple needle injections
- Molded mats are autoclavable and have excellent chemical compatibility
- Manufactured from medical grade Silicone
- Tight seal in plate, eliminates sample cross contamination and evaporation
- Available prescored for easier needle penetration
- Alphanumeric grid references
- No coring or cross-talk
- Unscored Mats are good with aggressive solvents and extreme shaking
- Pre-Scored Mats are good with aggressive solvents



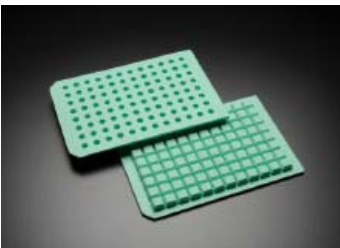
Gray Molded (non-spray-coated) PTFE-lined/Silicone Sealing Mat

| Cat. No. | Description | Qty |
|-------------|---|-----|
| 996050MR-96 | 96 Round Well Gray PTFE/Silicone Mat | 5 |
| 996075MR-96 | 96 Round Well Prescored Gray PTFE/Silicone Mat | 5 |
| 996050SW-96 | 96 Square Well Gray PTFE/Silicone Mat | 5 |
| 996075SW-96 | 96 Square Well Prescored Gray PTFE/Silicone Mat | 5 |



Green Silicone Only Molded Mat

| Cat. No. | Description | Qty |
|-------------|--|-----|
| 997005MR-96 | 96 Round Well Green Silicone-Only Mat | 5 |
| 997075MR-96 | 96 Round Well Prescored Green Silicone-Only Mat | 5 |
| 997005SW-96 | 96 Square Well Green Silicone-Only Mat | 5 |
| 997075SW-96 | 96 Square Well Prescored Green Silicone-Only Mat | 5 |



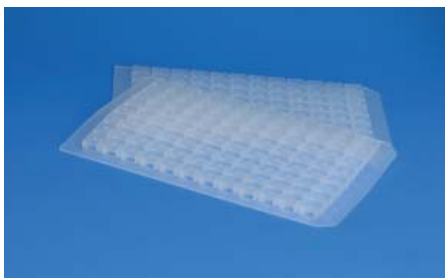
Molded Sealing Mats for Standard 96-Well Microplates

Clear Molded (spray-coated) PTFE/Premium Silicone Sealing Mat

- Mats sprayed with a PTFE coating for increased chemical resistance
- Manufactured from soft, strong premium silicone and conditioned for Ultra Low Bleed
- No interfering peaks



9760507MR-96

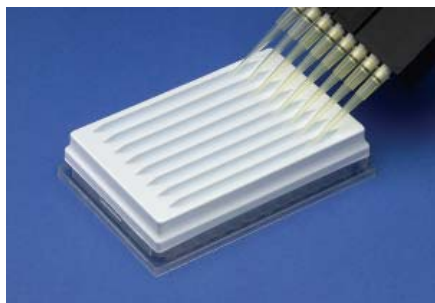


976075SW-96

| Cat. No. | Description | Qty |
|--------------|--|-----|
| 9760507MR-96 | 96 Round Well (7mm Diameter Plug) Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |
| 9760757MR-96 | 96 Round Well Pre-Slit (7mm Diameter Plug) Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |
| 9762507MR-96 | 96 Round Well Ultra Low Bleed (7mm Diameter Plug) Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |
| 9762757MR-96 | 96 Round Well Pre-Slit Ultra Low Bleed (7mm Diameter Plug) Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |
| 9760508MR-96 | 96 Round Well (8mm Diameter Plug) Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |
| 9760758MR-96 | 96 Round Well Pre-Slit (8mm Diameter Plug) Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |
| 9762508MR-96 | 96 Round Well Ultra Low Bleed (8mm Diameter Plug) Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |
| 9762758MR-96 | 96 Round Well Pre-Slit Ultra Low Bleed (8mm Diameter Plug) Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |
| 9764508MR-96 | 96 Round Well (8mm Diameter & Short Plug) Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |
| 9764758MR-96 | 96 Round Well Pre-Slit (8mm Diameter & Short Plug) Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |
| 976050SW-96 | 96 Square Well Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |
| 976075SW-96 | 96 Square Well Pre-Slit Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |
| 976250SW-96 | 96 Square Well Ultra Low Bleed Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |
| 976275SW-96 | 96 Square Well Pre-Slit Ultra Low Bleed Clear Sealing Mat with Spray Coated PTFE/Premium Silicone | 5 |

8 and 12 Channel Reservoir Trough Plate for Multi-Channel Pipettors

Finneran Products Certified For Science™



8 Channel Trough

1mL to 7mL capacity per channel
56mL Total Capacity

12 Channel Trough

1mL to 3mL capacity per channel
36mL Total Capacity

Made from either
High Impact White Polystyrene
or
Clear PETG (PolyEthylene Terephthalate)
Autoclavable

J.G. Finneran Associates has introduced 8 and 12 channel reservoir trough plates to help improve convenience and productivity in high-throughput laboratories. The troughs hold liquid reagents in precise rows that align with 8-channel and 12-channel pipettes allowing researchers to simultaneously aspirate or dispense fluids in all channels. The product helps high throughput laboratories improve productivity because researchers can improve their speed and precision performing serial dilutions or dispensing different reagents in up to 12 channels.

The 8 and 12 channel reservoir trough plates are constructed of high impact plastics for durable, long-term performance; either polystyrene or polyethylene terephthalate (PETG). The reservoir design incorporates a v-shaped bottom with a residual volume of 200µL, reducing dead volume and minimizing waste. For benchtop stability, the trough plates fit snugly on top of the Finneran 96-well Multi-Tier™ microplate system. The 8-channel plate has a total capacity of 56mL, with a 1mL to 7mL capacity per channel. The 12-channel plate has a 36mL total capacity with a trough capacity of 1mL to 3mL. Researchers will rely on these handy tools for adding samples, standards, wash, rinses, or reagents in high-throughput applications that involve use of multichannel pipettes. They also can be used for Invitro incubation, drug-to-drug interaction and caco-2 cells.

- *Trough fits on Multi-Tier™ Base Plate for added stability*
- *V-bottom has 200µL residual volume*
- *Designed to minimize dead volume in high-throughput clean-up applications*



Reservoir Trough Plate

| Cat. No. | Description | Qty |
|--------------|---|-----|
| TR100-08 | 8 Channel Reservoir, White Polystyrene | 5 |
| TR100-08PETG | 8 Channel Reservoir, Clear PETG | 5 |
| TR100-12 | 12 Channel Reservoir, Clear PETG | 5 |
| TR100-12PS | 12 Channel Reservoir, White Polystyrene | 5 |
| TR100-812C | Clear Cover for Reservoir | 5 |

Base Plate Accessory

| Cat. No. | Description | Qty |
|-----------|---|-----|
| 9996-812 | Base Plate, ABS (Acrylic Butyl Styrene) | 1 |
| 9996-812T | Base Plate, Topas (COC - Cyclic Olefin Copolymer) | 1 |

Polypropylene Plastic Pasteur Pipets

Finneran Products Certified For Science™



New Polypropylene Plastic Pasteur Pipet provides chemical resistivity needed for many applications.

- Available in two sizes: 5.75" and 9" for easier handling and longer reach for working with larger vessels
- Available in sterile (gamma irradiated) and non-sterile pack options

Addresses many of the concerns associated with glass:

Safety

- No more broken glass – more durable than standard glass pipets
- Flexible plastic helps prevent glove or skin punctures

Efficiency

- Polypropylene Pipet will not shatter, eliminating losses due to broken glass fragments in your work
- Can be autoclaved

Value

- Saves time and money - Use all the pipets in the box, as compared to traditional glass Pasteur pipets which are often damaged during shipping or handling
- Reduce cost by eliminating “sharps” disposal

Convenience

- Polypropylene Pipets are available packaged non-sterile in re-sealable bags with 100 pipets per bag
- Also available packaged sterile (gamma irradiated) bulk packed with 25 pipets per resealable bag, so no autoclaving is necessary before use



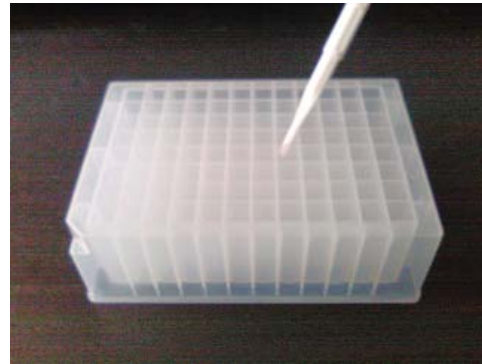
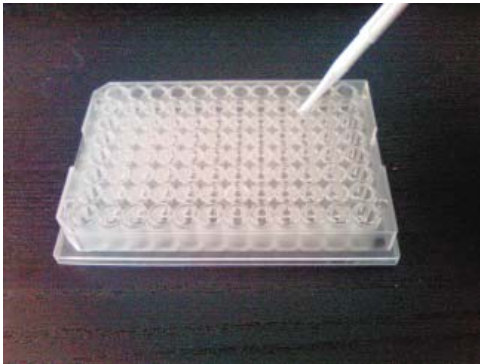
Polypropylene Plastic Pasteur Pipets

| Cat. No. | Description | Qty |
|-------------|--|------|
| JGFPP-575-S | Pipet, 5.75" Length, Bulk Packed, 25 per Re-Sealable Bag, Sterile | 500 |
| JGFPP-575 | Pipet, 5.75" Length, Bulk Packed, 100 per Re-Sealable Bag, Non-Sterile | 500 |
| JGFPP-575-B | Pipet, 5.75" Length, Bulk Packed, 200 per Tab Lock Box, Non-Sterile | 1000 |
| JGFPP-9-S | Pipet, 9" Length, Bulk Packed, 25 per Re-Sealable Bag, Sterile | 500 |
| JGFPP-9 | Pipet, 9" Length, Bulk Packed, 100 per Re-Sealable Bag, Non-Sterile | 500 |
| JGFPP-9-B | Pipet, 9" Length, Bulk Packed, 200 per Tab Lock Box, Non-Sterile | 1000 |



Double Ended Cell Lifter

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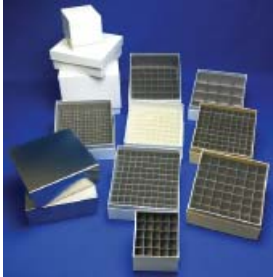
- Double Ended Cell Lifters have a 19mm Beveled Edge Blade on one end and a Narrow Blade on the other for removing cells from Multiple Well Plates or Tubes.
- The Narrow Blade version is tapered on one end to fit into 96 Well Plates or Micro Centrifuge Tubes

Double Ended Cell Lifter

| Cat. No. | Description | Qty |
|----------|---|-----|
| JGF305 | Double Ended Cell Lifter, 19mm Beveled Edge Blade and Narrow Blade | 100 |

Cardboard Freezer Storage Boxes

Finneran Products Certified For Science™



- Economical storage solution for cryovials, cold storage sample vials and centrifuge tubes
- Constructed of sturdy, durable cardboard
- Four drain holes on each corner for safe liquid nitrogen or excess moisture drainage
- Boxes are available with or without cell dividers
- Cell dividers are available in 100, 81, 64, 49, 36, 25 or 16 place configurations
- Compatible with most upright laboratory storage rack systems
- Can withstand temperature extremes of -196°C to +121°C
- Surface of lid can be easily written on for identification
- 4¾" cardboard box for 1.5mL and 50mL Centrifuge Tubes

Case Pack - 1 piece

| Cat. No. | Description |
|-------------|---|
| CB982-W | Standard White 2" Cardboard Box Only - 5 1/4" × 5 1/4" × 2" |
| CB982-Y | Standard Yellow 2" Cardboard Box Only - 5 1/4" × 5 1/4" × 2" |
| CB982-W-100 | Standard White 2" Cardboard Box Assembled with Dividers, 100 Cell - 5 1/4" × 5 1/4" × 2" |
| CB982-W-81 | Standard White 2" Cardboard Box Assembled with Dividers, 81 Cell - 5 1/4" × 5 1/4" × 2" |
| CB982-W-64 | Standard White 2" Cardboard Box Assembled with Dividers, 64 Cell - 5 1/4" × 5 1/4" × 2" |
| CB982-W-49 | Standard White 2" Cardboard Box Assembled with Dividers, 49 Cell - 5 1/4" × 5 1/4" × 2" |
| CB982-W-36 | Standard White 2" Cardboard Box Assembled with Dividers, 36 Cell - 5 1/4" × 5 1/4" × 2" |
| CB982-W-25 | Standard White 2" Cardboard Box Assembled with Dividers, 25 Cell - 5 1/4" × 5 1/4" × 2" |
| CB982-W-16 | Standard White 2" Cardboard Box Assembled with Dividers, 16 Cell - 5 1/4" × 5 1/4" × 2" |
| CB982-Y-100 | Standard Yellow 2" Cardboard Box Assembled with Dividers, 100 Cell - 5 1/4" × 5 1/4" × 2" |
| CB982-Y-81 | Standard Yellow 2" Cardboard Box Assembled with Dividers, 81 Cell - 5 1/4" × 5 1/4" × 2" |
| CB982-Y-64 | Standard Yellow 2" Cardboard Box Assembled with Dividers, 64 Cell - 5 1/4" × 5 1/4" × 2" |
| CB982-Y-49 | Standard Yellow 2" Cardboard Box Assembled with Dividers, 49 Cell - 5 1/4" × 5 1/4" × 2" |
| CB982-Y-36 | Standard Yellow 2" Cardboard Box Assembled with Dividers, 36 Cell - 5 1/4" × 5 1/4" × 2" |
| CB982-Y-25 | Standard Yellow 2" Cardboard Box Assembled with Dividers, 25 Cell - 5 1/4" × 5 1/4" × 2" |
| CB982-Y-16 | Standard Yellow 2" Cardboard Box Assembled with Dividers, 16 Cell - 5 1/4" × 5 1/4" × 2" |
| CB983-W | Standard White 3" Cardboard Box Only - 5 1/4" × 5 1/4" × 2 15/16" |
| CB983-W-100 | Standard White 3" Cardboard Box Assembled with Dividers, 100 Cell - 5 1/4" × 5 1/4" × 2 15/16" |
| CB983-W-81 | Standard White 3" Cardboard Box Assembled with Dividers, 81 Cell - 5 1/4" × 5 1/4" × 2 15/16" |
| CB983-W-64 | Standard White 3" Cardboard Box Assembled with Dividers, 64 Cell - 5 1/4" × 5 1/4" × 2 15/16" |
| CB983-W-49 | Standard White 3" Cardboard Box Assembled with Dividers, 49 Cell - 5 1/4" × 5 1/4" × 2 15/16" |
| CB983-W-36 | Standard White 3" Cardboard Box Assembled with Dividers, 36 Cell - 5 1/4" × 5 1/4" × 2 15/16" |
| CB983-W-25 | Standard White 3" Cardboard Box Assembled with Dividers, 25 Cell - 5 1/4" × 5 1/4" × 2 15/16" |
| CB983-W-16 | Standard White 3" Cardboard Box Assembled with Dividers, 16 Cell - 5 1/4" × 5 1/4" × 2 15/16" |
| CB984-W | Standard White 4 3/4" Cardboard Box with Drain Hole - 5 3/4" × 5 3/4" × 4 3/4" |
| CB984-W-36 | Standard White 4 3/4" Cardboard Box with Drain Hole Assembled with Dividers, 36 Cell - 5 3/4" × 5 3/4" × 4 3/4" |
| CB984-W-16 | Standard White 4 3/4" Cardboard Box with Drain Hole Assembled with Dividers, 16 Cell - 5 3/4" × 5 3/4" × 4 3/4" |
| MB982-W | White 2" Cardboard Mini Box with Drain Slots - 3" × 3" × 2" |
| MB982-W-25 | White 2" Cardboard Mini Box with Drain Slots Assembled with Dividers, 25 Cell - 3" × 3" × 2" |
| MB983-W | White 3" Cardboard Mini Box with Drain Slots - 3" × 3" × 3" |
| MB983-W-25 | White 3" Cardboard Mini Box with Drain Slots Assembled with Dividers, 25 Cell - 3" × 3" × 3" |

Cardboard Freezer Storage Boxes

Freezer Box Dividers

Shelf Pack - 1 piece, Case Pack - 10 pieces

| Cat. No. | Description |
|----------|--|
| CD98-100 | Cell Divider Only, Standard Box, 100 Cell - 4 6/7" × 4 6/7" × 1 5/16" - 0.45" (11.5mm) Cell Opening |
| CD98-81 | Cell Divider Only, Standard Box, 81 Cell - 4 6/7" × 4 6/7" × 1 5/16" - 0.50" (12.7mm) Cell Opening |
| CD98-64 | Cell Divider Only, Standard Box, 64 Cell - 4 6/7" × 4 6/7" × 1 5/16" - 0.57" (14.6mm) Cell Opening |
| CD98-49 | Cell Divider Only, Standard Box, 49 Cell - 4 6/7" × 4 6/7" × 1 5/16" - 0.66" (16.7mm) Cell Opening |
| CD98-36 | Cell Divider Only, Standard Box, 36 Cell - 4 6/7" × 4 6/7" × 1 5/16" - 0.82" (20mm) Cell Opening |
| CD98-25 | Cell Divider Only, Standard Box, 25 Cell - 4 6/7" × 4 6/7" × 1 5/16" - 0.96" (24.5mm) Cell Opening |
| CD98-16 | Cell Divider Only, Standard Box, 16 Cell - 4 6/7" × 4 6/7" × 1 5/16" - 1.19" (30.2mm) Cell Opening |
| CD984-36 | Cell Divider Only, 4" Standard Box, 36 Cell for Centrifuge Tubes- 5 3/8" × 5 3/8" × 2 6/8" - 0.85" (22mm) Cell Opening |
| CD984-16 | Cell Divider Only, 4" Standard Box, 16 Cell for Centrifuge Tubes- 5 3/8" × 5 3/8" × 2 6/8" - 1.32" (33.5mm) Cell Opening |

