

**Corning Incorporated  
Life Sciences**

**Registered**  
ISO 9001:2008

**Product Description**

**Catalog Number:** 3504

**Product Description:** Corning® 96-well, non-treated, white filter plate with 0.2um PVDF membrane, without lid

**Component Materials:**

- Plate walls - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures. White concentrate
- Plate bottom - Virgin Butadiene/Styrene Block Co-polymer, meets *USP, Class VI* requirements for plastic containers and closures.
- Membrane - 0.2um Polyvinylidene Difluoride, hydrophilic

**Product Dimensions:**

- |                          |   |              |                           |   |          |
|--------------------------|---|--------------|---------------------------|---|----------|
| Length of Plate          | - | 5.030 in.    | Diameter of Well @ top    | - | .270 in. |
| Width of Plate           | - | 3.365 in.    | Diameter of Well @ bottom | - | .250 in. |
| Depth of Well            | - | .470 in.     | Height without Lid        | - | .560 in. |
| Tolerances of Dimensions | - | +/- .010 in. | Volume per Well           | - | .40 mL   |

**Membrane Performance:**

Each lot has been tested for well to well consistency using a vacuum uniformity test.

**Optical Characteristics:**

The product is made of opaque white polystyrene walls to minimize well to well crosstalk and background fluorescence and /or luminescence. The bottom is made of modified polystyrene with a PVDF membrane insert to allow filtration.

**Performance Testing:**

Each manufacturing lot is sampled and tested in accordance with Standard Operating Procedures.

- Visual Attributes: Visual and light box examination of the product.
- Packaging: Inspection for accurate labeling, and correct product configuration.
- Functional: Vacuum Uniformity Test
- Opacity: Visual using a fluorescent compound.
- Integrity: Pressure Decay Test

**Lot Number Designation:**

8 Digit Lot Number: First 3 digits - Julian Date, start of manufacturing; Next 2 digits - Year of manufacture; Last 3 digits - Batch identification.

Rev No: 1