

**Corning Incorporated
Life Sciences**

Registered
ISO 9001:2008

Product Description

Catalog Number: 3511

Product Description: Corning® 96-well, non-treated, white filter plate with .66mm thick glass fiber filter, 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.
- Filter - .66mm Thick Glass Fiber
- Membrane - 1.2um Polyethersulfone (PES)

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 |

Filter Performance:

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

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 1.2um PES support membrane and a .66mm thick glass fiber filter 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 and Pressure Decay Integrity Test
- Opacity: Visual using a fluorescent compound.

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: 2