

Catalog Number: 3766

Product Description: Corning® 384-well, non-binding, black plate with clear flat bottom, without lid, low flange

Component Materials:

- Plate walls - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures. Black concentrate
- Plate bottom - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.

Product Dimensions:

- Length of Plate - 5.030 in. Width of Square Well @ Top - .143 in.
- Width of Plate - 3.365 in. Width of Square Well @ Bottom - .111 in.
- Depth of Well - .455 in. Height without Lid - .565 in.
- Tolerances of Dimensions - +/- .010 in. Volume per Well - 20 µl to 75 µl

Surface Characterization:

Surface is characterized to be non-binding.

Binding Characteristics:

Each lot has been tested for low well to well protein binding utilizing a standard protein binding technique.

Optical Characteristics:

The product is made of opaque black polystyrene walls to minimize well to well crosstalk and background fluorescence and /or luminescence. The bottom is made of clear polystyrene to allow visual clarity for optical density or bottom read fluorescent / luminescent measurements.

Performance Testing:

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

- Visual Attributes: Visual examination of the product.
- Packaging: Inspection for accurate labeling, and correct product configuration.
- Functional: Standard protein binding technique.

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.