

**Catalog Number:** 3762

**Product Description:** Corning® 384-well, non-treated, 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 medium binding.

**Binding Characteristics:**

The product has been tested for the attribute of well to well protein binding utilizing a fluorescent immunoassay to measure precision. Coefficient of variation must be  $\leq 15\%$ .

**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.

**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.