

**Catalog Number:** 3767

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

**Component Materials:**

Plate walls - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures. White 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.	Working volume per well	-	20 µL to 75 µL

**Surface Characterization** - Surface is characterized to be non-binding.

**Binding Characteristic** - Tested for low well to well protein binding utilizing a standard protein binding technique. Average reduction in binding versus non-coated  $\geq 95\%$  for acceptance.

**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 clear polystyrene to allow visual clarity for optical density or bottom read fluorescent / luminescent measurements.

**Quality Control Testing** - Representative production samples are collected and inspected in accordance with current applicable product specifications. Inspection records are reviewed and approved by qualified personnel for product release. Key inspections and inline tests are listed below:

Visual Inspection	-	Pass
Packaging Inspection	-	Pass

- This product met Corning Incorporated – Life Sciences' high standards of quality at the time of batch/lot release.

**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