

**Corning Incorporated  
Life Sciences**

**Registered  
ISO 9001:2008**

## Product Description

**Catalog Number:** 3577

**Product Description:** Corning® 384-well, high binding, solid black plate, flat bottom, without lid

**Component Materials:**

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

**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	-	.460 in.	Height without Lid	-	.565 in.
Tolerances of Dimensions	-	+/- .010 in.	Maximum well volume	-	112 µL

**Surface Characterization:**

Surface is characterized to be high 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.

**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.

Rev No: 1