

**Corning Incorporated
Life Sciences**

**Registered
ISO 9001:2008**

Product Description

Catalog Number: 3728BC

Product Description: Corning® 1536-well, non-binding, solid black plate, flat bottom, without lid, with barcode labels

Component Materials:

- Plate - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures. Black concentrate
- Barcode Label - White polypropylene base, acrylic adhesive

Special Feature:

Barcode Labels (format 128) on A1 short & A1 long side and H12 short & H12 long side.

Product Dimensions:

- | | | | | | |
|---------------------|---|--------------|------------------------|---|---------------------------------|
| Length of Plate | - | 5.030 in. | Width of Square Well @ | - | .067 in. |
| | | | Top | | |
| Width of Plate | - | 3.365 in. | Width of Square Well @ | - | .0035 in. /.022 cm ² |
| | | | Bottom | | |
| Depth of Well | - | .195 in. | Plate Height | - | .410 in. |
| Tolerances of | - | +/- .010 in. | Total well volume | - | 12.2 µl |
| Dimensions | | | | | |
| Recommended working | - | up to 10 µl | | | |
| volume per well is | | | | | |

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.

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.

Rev No: 1