

**Catalog Number:** 4588

**Product Description:** Corning® 384-well, black with clear bottom plate, low flange, ultra-low attachment, with lid

**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.  
Lid - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.  
Surface - Proprietary hydrogel.

**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 with lid	-	.660 in.
Tolerances of Dimensions	-	+/- .010 in.	Working volume per well	-	20 µL to 75 µL

**Animal Content** - Product does not contain materials of animal origin.

**Sterility** - Product has been sterilized and dosimetrically released per the requirements of ANSI/AAMI/ISO 11137, "Sterilization of health care products- Radiation". Products meet a minimum Sterility Assurance Level (SAL) of 10<sup>-3</sup>

**Non-Pyrogenic** - Tested and met the criteria established in the current version of ANSI/AAMI ST 72, "Bacterial Endotoxins - Test methodologies, routine monitoring, and alternative to batch testing". The acceptance level for product is ≤ 0.10 EU/mL or ≤ 4 EU/device.

**Surface Characterization** - Surface is characterized to be hydrophilic and neutrally charged, composed of a covalently bound hydrogel layer that is biologically inert and non-degradable. This surface composition has been optimized for cell attachment inhibition.

**Tissue Culture** - Tested for the attribute of cell attachment inhibition utilizing an attachment-dependent mammalian cell line. A minimum of 98% cell attachment inhibition is required for acceptance.

**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
Cell Attachment & Growth Treatment Verification	-	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.