

<b>CORNING</b>	<b>Life Sciences</b>	Document Number: <b>LSR00004</b>	Rev.: <b>4</b>
Description (Class): <b>Customer Technical Data Sheet – Multiwell TC Plates – 48 Well</b>			Page: <b>1 of 2</b>

**Applications:**

TC plates are used for the growth and study of cells in monolayer culture.

A consistent Tissue Culture surface chemistry is produced using vacuum gas plasma treatment. This permanent modification of the growth surface incorporates negatively charged functional groups that create a hydrophilic (wetable) surface for cell attachment. The highly controlled vacuum gas plasma treatment creates a consistent well to well and plate to plate growth surface.

**Features:**

- Improved visualization and manipulation of cells compared to 96 well
- Available in individual recyclable PET tray or bulk packaged bags
- Can be handled Manually or Automated
- Low Evaporation Lid
  - Unique labyrinth air passage system that provides a tortuous path for gas exchange to minimize the risk of contamination and evaporation.
- Individual condensation rings above each well to prevent cross contamination.
- Large writing patch
- Alpha-Numeric well Identification
- One-way lid to reduce cross contamination
- Peel-open, Medical Style Package assuring sterile product presentation.
- Plates with different well sizes can be stacked together for efficient utilization of incubator space.
- Serrated gripping panels
- Contact Product Manager for special packaging.

**Restrictions:**

- In general, for use with aqueous reagents used for tissue culture.

**Sterility:**

Products are gamma irradiated.

**Regulatory Compliance:**

Falcon® products are manufactured under the current ISO 9001 and the current FDA Quality System Regulation 21 CFR Section 820.

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**Customer Technical Data Sheet – Multiwell TC Plates – 48 Well**

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**Material:**

- Polystyrene (crystal grade)

**Catalog Number:**

**Type**

TC Surface

Non-treated

**Cat. No.**

353078

353230

351178

**Packout/ Description**

1/Tray, 50/Case

6/Bag, 36/Case

1/Tray, 50/Case

**Dimensions = XXX mm (XXX inches)**

**LID:**

Length: A = 127.20 (5.008)

Width: B = 85.14 (3.332)

Height: C = 10.33 (.395)

**PLATE:**

Length: D = 127.63 (5.025)

Width: E = 85.47 (3.365)

Height: F = 20.19 (.795)

**Markings:**

Alpha-Numerical

Ht. w/lid on = 21.38 (.842)

**WELL:**

Top Int. Diameter = 10.38 (.409)

Bot. Int. Diameter = 9.77 (.385)

Depth = 17.78 (.700)

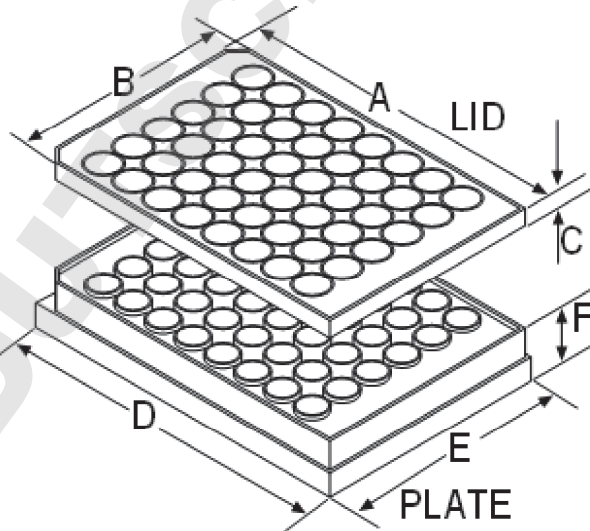
Bottom area (growth) = .748 sq. cm, .116 sq. in.

Center to center = 12.92 (.509)

Bottom thickness = 1.39 (.055)

Volume of Media/well = 0.5 to 0.8 ml

Volume of Trypsin/well = 0.05 to 0.08 ml



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