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|--|----------------------|-------------------------------------|------------------------|
|                            | <b>Life Sciences</b> | Document Number:<br><b>LSR00005</b> | Rev.:<br><b>6</b>      |
| Description (Class):<br><b>Customer Technical Data Sheet – Microtest TC Plates – 96 Well – Flat Bottom</b> |                      |                                     | Page:<br><b>1 of 2</b> |

**Applications:**

Tissue Culture 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 (wettable) surface for cell attachment. The highly controlled vacuum gas plasma treatment creates a consistent well to well and plate to plate growth surface.

**Features:**

- Available in individual recyclable PET tray or bulk packaged bags
- Deep wells hold 0.1 to 0.2 ml media
- Patented 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 aseptic product presentation.
- Available in Corning® Primaria™, an alternative TC surface incorporating positive charge for functional groups.
- 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 13485 and the current FDA Quality System Regulation 21 CFR Section 820.

Warranty/Disclaimer: Unless otherwise specified, all products are For Research Use Only. Not intended for use in diagnostic or therapeutic procedures.

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| <b>CORNING</b>   | <b>Life Sciences</b> | Document Number:<br><b>LSR00005</b> | Rev.:<br><b>6</b>      |
| Description (Class):<br><b>Customer Technical Data Sheet – Microtest TC Plates – 96 Well – Flat Bottom</b> |                      |                                     | Page:<br><b>2 of 2</b> |

**Material:**

- Polystyrene (crystal grade)

**Catalog Number:**

| Type                      | Cat. No.      | Packout/ Description                 |
|---------------------------|---------------|--------------------------------------|
| TC Surface                | 353072        | 1/Tray, 50/Case w/lid (clear)        |
|                           | 353075        | 5/Bag, 50/Case w/lid (clear)         |
|                           | 353936        | 14/RS Tray, 84/Case (clear)          |
| <b>Corning® Primaria™</b> | <b>353872</b> | <b>1/Tray, 50/Case w/lid (clear)</b> |
| Non-treated               | 351172        | 1/Tray, 50/Case w/lid (clear)        |

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

**LID:**

Length: A = 127.10 (5.004)

Width: B = 85.03 (3.348)

Height: C = 10.03 (.395)

**PLATE:**

Length: D = 127.63 (5.025)

Width: E = 85.11 (3.351)

Height: F = 14.30 (.563)

**Markings:**

Alpha-Numerical

Ht. w/lid on = 15.54 (.563)

**WELL:**

Top Int. Diameter = 6.85 (.270)

Bot. Int. Diameter = 6.35 (.250)

Depth = 10.76 (.424)

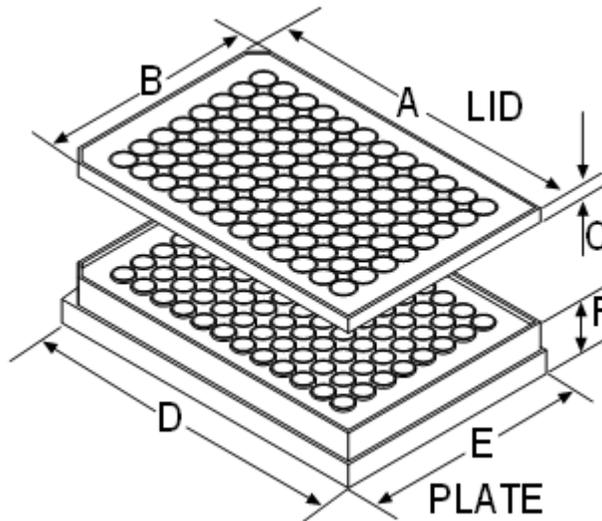
Bottom area (growth) = 0.316 sq. cm, 0.049 sq. in.

Center to center = 8.99 (.354)

Bottom thickness = 1.11 (.044)

Volume of Media/well = 0.1 to 0.2 ml

Volume of Trypsin/well = 0.01 to 0.02 ml



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