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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------|------------------------|
| <b>CORNING</b>                                                                                                                                                           | <b>Life Sciences</b> | Document Number:<br><b>LSR00061</b> | Rev.:<br><b>3</b>      |
| Description (Class):<br><b>Reference, Customer Technical Data Sheet</b><br><b>Cell Culture Flask, 25 cm<sup>2</sup> canted neck, plug seal cap. Total volume – 50 mL</b> |                      |                                     | Page:<br><b>1 of 2</b> |

#### APPLICATIONS:

- Cell culture
- Sample or reagent storage

#### FEATURES:

##### Polystyrene construction

- Optically clear for easy viewing of sample or cells.
- Stable from 4°C to 60°C
- Available in Standard Tissue Culture (TC) (Cat. No. 353014) or Corning® Primaria™ (Cat. No. 353813)
- Frosted writing patch for easy labeling

##### Two-position plug seal cap

- Biologically inert, high density polyethylene provides a chemically resistant surface
- Cap can be loosely closed to allow gas exchange
- Further tightening snaps cap into sealed position that is liquid-tight
- A reference bar on the outside of the cap can be aligned with flask markings for precise incubation conditions

##### Molded graduations along both sides of flasks

- Graduated at 5 mL increments to 40 mL
- Allows quick volume estimation

##### Prominent stacking rims along perimeter of upper surface

- Permits easy interlocked stacking in incubator or culture hood
- Flasks will not slip off one another while being transported

##### Tissue culture-friendly packaging

- Convenient reseal tab on the bag
- Innovative bag materials that will not scuff or scratch the flask surface
- Double-wall bags provide increased sterility assurance
- Medical-style peel-open bags guarantee that sterility is maintained as flasks are removed from the bag
- Recyclable bag material (low density polyethylene)

#### STERILITY:

Product is gamma irradiated.

#### REGULATORY COMPLIANCE:

Falcon® products are manufactured under the current ISO 9001 and ISO 13485 Standards, and the current FDA Quality System Regulation 21 CFR Section 820.

#### RESTRICTIONS:

- Refer to "Thermoplastics Properties Chart," available at:  
[http://catalog2.corning.com/Lifesciences/media/pdf/an\\_DL\\_226\\_Falcon\\_ThermoPlastics\\_Broch.pdf](http://catalog2.corning.com/Lifesciences/media/pdf/an_DL_226_Falcon_ThermoPlastics_Broch.pdf)

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**Material:** Polystyrene

**Related Catalog Numbers:**

| Cat. No. | Packout Description | Cap       | Neck Style | Graduations    | Surface               |
|----------|---------------------|-----------|------------|----------------|-----------------------|
| 353014   | 20/bag, 200/case    | Plug Seal | Canted     | Numeric/molded | Stand TC              |
| 353813   | 20/bag, 200/case    | Plug Seal | Canted     | Numeric/molded | Corning® Primaria™ TC |

**Dimensions = mm (inches)**

**FLASK**

**A** = w/cap 107.44 (4.230)  
w/o cap 102.82 (4.048)

**B** = 44.70 (1.760)

**C** = 26.13 (1.029)

**D** = w/cap 28.65 (1.128)  
w/o cap 26.18 (1.031)

**E** = 86.00 (3.386)

**GROWTH AREA** = 25 cm<sup>2</sup>

**VOLUME** = 50 mL

**NECK**

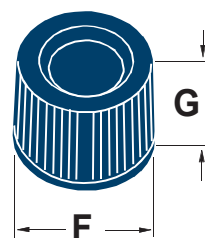
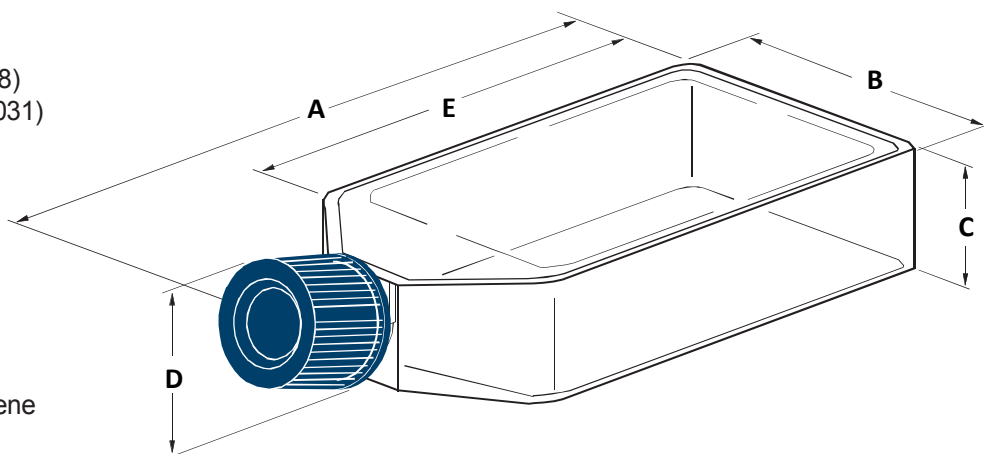
**ID** = 15.11 (.595)

**Length** = 16.30 (.642)

**CAP, Material:** High Density Polyethylene

**F** = O.D. 23.36 (.920)

**G** = 16.84 (.663)



**Warranty/Disclaimer:** Unless otherwise specified, all products are for research use only. Not intended for use in diagnostic or therapeutic procedures.