

## Conical Centrifuge Tubes with Flip Top Cap, 50 ml PP

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### APPLICATIONS:

Cell centrifugation: pelleting; separation by density gradients.

Molecular biology: e.g. Concentrating bacteria for DNA isolation; purification and precipitation of nucleic acids.

Sample storage (ambient temperature or frozen)

Centrifugation of precipitates.

### FEATURES:

#### Strong, clarified polypropylene

- Hydrophobic, biologically inert surface for good cell or protein recovery.
- Translucent wall permits easy viewing of tube contents.
- Stable from -80°C to +52°C.
- Can withstand centrifugal forces up to 9400 x g.

#### Conical Design

- Fits most standard floor model and table-top centrifuges, including many biohazard contained models.

#### Flip Top Cap

- Biologically inert, polypropylene provides a chemically resistant surface.
- Double threaded to reduce cross-threading.
- Designed for one-handed manipulation.

#### Dark blue major graduations in 5ml increments and minor graduations in 2.5ml increments

- Permit accurate volume and pellet size assessment.
- Plainly visible with either clear or turbid samples.
- Solvent resistant printing will not rub off.

#### White writing area

- Facilitates sample identification.
- Solvent resistant - will not rub off during routine laboratory procedures.

#### Available in bulk packaging configuration

- Bulk packaging uses 40% less packaging material as compared to Rack packaging, an environmentally friendly alternative.
- Configuration features a medical-grade, peel-open format for aseptic presentation of sterile tubes.

### FDA COMPLIANCE:

BD Falcon™ products are manufactured in accordance with the current FDA Quality System Regulation (1996) as specified in Chapter 1, Title 21 of the code of USA Federal Regulations, Part 820 for medical devices.

### RESTRICTIONS:

#### Good Laboratory Practices

When using the BD Falcon 50ml Conical Tube with Flip Top Cap, it is recommended that you follow good laboratory practices and standard precautions. Use gloves, gowns, eye protection, other personal protective equipment, and engineering controls to protect from splatter, leakage and potential exposure to hazardous chemicals such as acids, alcohols, organic solvents, and biohazardous materials.

#### Application Limitations

Take extra care when subjecting the BD Falcon 50ml Conical Tube with Flip -Top Cap to high forces such as vigorous shaking, stirring (ie vortexing), internal pressure build-up, dropping or inversion, as well as when working with low surface tension fluids such as alcohols and surfactants, as this product may exhibit leakage under these conditions.

## Conical Centrifuge Tubes with Flip Top Cap, 50 ml PP

**RESTRICTIONS (Cont'd):**

- Refer to Centrifuge Tube Chemical Resistance Chart,  
[http://www.bdbiosciences.com/discovery\\_labware/technical\\_resources/labtools/p38.pdf](http://www.bdbiosciences.com/discovery_labware/technical_resources/labtools/p38.pdf)
- Refer to "Thermoplastics Properties Chart," available via internet at  
[http://www.bdbiosciences.com/discovery\\_labware/technical\\_resources/pdf/p30-31.pdf](http://www.bdbiosciences.com/discovery_labware/technical_resources/pdf/p30-31.pdf)

**STERILITY:**

Product is irradiated and dosimetrically released based upon U.S. Association for the Advancement of Medical Instrumentation (AAMI) recommended practices in effect at the time of validation. Sterilization records are reviewed and signed off by qualified personnel for product release.

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**Related Catalog Numbers:**

Cat. No.	Packout Description	Cap	Sterile	Graduations	Wr. Patch	Rack
352077	22/Blister, 440/Case	Flip Top	Yes	Printed	Yes	No

**Dimensions = mm (inches)**
**TUBE**

Material: Clarified PP

- A** = 114.55 (4.510)
- B** = O.D. 29.72 (1.170)
- C** = O.D. 27.94 (1.100)
- D** = 16.00 (.630)

- Tube height w/cap = 118.87 (4.680)
- Top I.D. at rim = 27.81 (1.095)
- O.D. at thread = 31.50 (1.240)
- Bottom I. D. = 6.15 (.242)
- Bottom angle = 70 degrees
- Min. wall thickness = .97 (.038)
- Nominal volume = 50mL
- RCF ratings = 9400 x g
- Chem. Compatibility: See Cat. Resistance Chart
- Threads to fit special cap design.

**CAP**

33mm Polypropylene Threaded

Material: Blue PP

- E** = 15.31 (.603)
- F** = O.D. 35.81 (1.410)
- I.D. (bottom) = 31.67 (1.247)

Threads are designed to fit Falcon Tubes only.

