

CORNING	Life Sciences	Document Number: LSR00013	Rev.: 5
Description (Class): Reference, Customer Technical Data Sheet Conical Centrifuge Tubes, 175 mL			Page: 1 of 2

APPLICATIONS:

- Tissue culture: e.g., Concentrating live cells after trypsinization.
- Molecular biology: e.g., Concentrating bacteria for DNA isolation; purification and precipitation of nucleic acids. Clarifying large volume solutions.

FEATURES:

Large volume centrifuge tubes

- Provides a transition between 50 mL tubes and 1L bottles
- Fits most standard floor model and table-top centrifuges, including many biohazard-containment models.

Easy pour design

- Sloped shoulder and 32 mm neck permit complete decantation.

Strong, optical quality polypropylene

- Provides chemical resistance to strong/weak acids and bases, and most organic solvents.
- Hydrophobic, biologically inert surface.
- Transparent wall permits easy viewing of tube contents.
- Stable from -196°C to +121°C, recommended working temperature of 4°C to 40°C
- Can withstand centrifugal forces up to 7500 x g

Plug seal cap (32 mm)

- Plug seal design provides a secure seal, with easy opening and closing.
- Biologically inert, high density polyethylene provides a chemically resistant surface.

Graduated in 10 mL increments

- Permits volume and pellet size assessment

Tube cushions

- Designed to fit both 225 mL and 175 mL tubes and industry adapters.
- Autoclavable polypropylene
- Extractor provided for easy cushion removal from bucket/adapter.

STERILITY:

Product is gamma irradiated.

RESTRICTIONS:

- Refer to Centrifuge Tube Chemical Resistance Chart at:
http://catalog2.corning.com/Lifesciences/media/pdf/an_DL_082_Falcon_Tube_Pipet_Cultureware_Chemical_Resistance_Chart.pdf
- Refer to "Thermoplastics Properties Chart," available at:
http://catalog2.corning.com/Lifesciences/media/pdf/an_DL_226_Falcon_ThermoPlastics_Broch.pdf

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Related Catalog Numbers:

Cat. No.	Packout Description	Cap	Sterile	Graduations	Wr. Patch	Rack
352076	8/Bag, 48/Case	Plug	Yes	Molded	No	No

Dimensions = mm (inches)

TUBE

Material: Polypropylene

A = 118.11 (4.650)

B = 0.0. 29.24 (1.151)

C = O.D. 60.71 (2.375)

D = 27.91 (1.099)

Tube height w/cap = 120.35 (4.738)

Top I.D. at rim = 25.91 (1.020)

O.D. at thread = 31.52 (1.241)

Bottom O.D. (Sph. Dia.) = 6.35 (.250)

Bottom angle = 88 degrees

Max volume = 175 mL

RCF ratings = 7500 x g

Chem. Compatibility: See Chemical Resistance Chart

Threads to fit special cap design

CAP

32 mm Plug Seal Cap

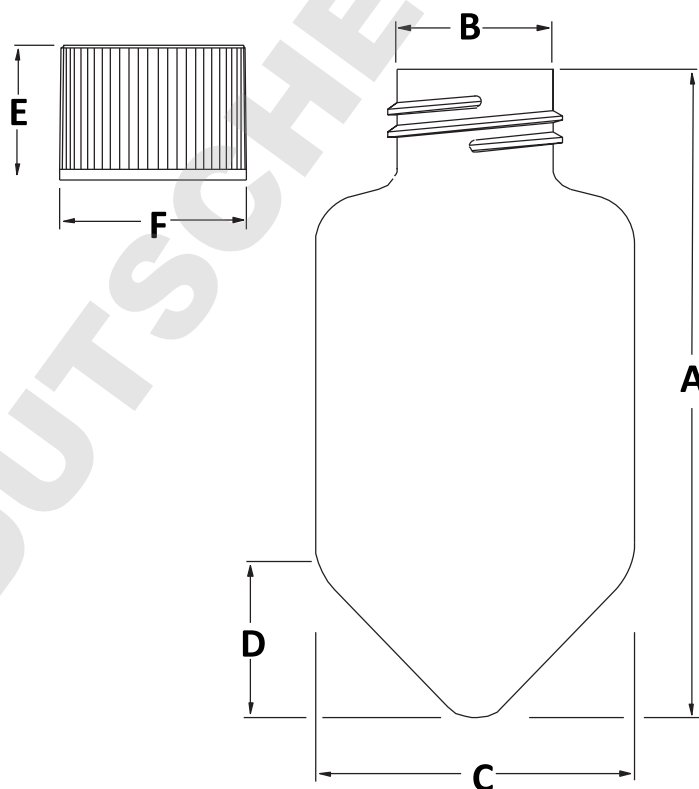
Material: Polyethylene

E = 25.50 (1.004)

F = O.D. 35.97 (1.416)

I.D. (bottom) = 32.39 (1.275)

Threads are designed to fit Falcon® Tubes only.



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