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› [Corning](#) /

› [CORNING 352099 Polystyrene Falcon Graduated Tube User Manual](#)

Corning 352099

CORNING 352099 Polystyrene Falcon Graduated Tube User Manual

Model: 352099

1. INTRODUCTION

This manual provides essential information for the proper use, handling, and storage of the CORNING 352099 Polystyrene Falcon Graduated Tube. These tubes are designed for laboratory applications requiring accurate volume measurement and centrifugation of samples. They are manufactured to high-quality standards to ensure reliable performance in life science research.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE), such as lab coats, gloves, and eye protection, when handling laboratory samples and equipment.
- Handle tubes with care to prevent breakage or contamination.
- Ensure caps are securely tightened to prevent leakage, especially during centrifugation.
- Do not exceed the maximum recommended RCF (Relative Centrifugal Force) for these tubes.
- Dispose of used tubes and samples according to laboratory and institutional waste disposal protocols.
- These tubes are sterile and non-pyrogenic; maintain sterility during handling if required for sensitive applications.

3. PRODUCT OVERVIEW

The CORNING 352099 Falcon Graduated Tube is a high-quality laboratory consumable designed for various applications including sample storage, preparation, and centrifugation. Key features include:

- **Material:** Optically clear polystyrene for easy sample viewing.
- **Capacity:** 15 mL.
- **Dimensions:** 17 mm Outer Diameter (OD) x 120 mm Length.
- **Graduations:** Easy-to-read dark blue printed graduations for accurate volume measurement.
- **Writing Patch:** Large white writing area for clear sample identification.

- **Cap:** Easy on/off screw cap with a double thread design to ensure a leak-proof seal.
- **Centrifugation:** Rated for a maximum RCF of 1800 x g.
- **Sterility:** Supplied sterile, non-pyrogenic, and non-toxic.
- **Manufacturing:** Produced in ISO 9001:2000 and ISO 13485:2003 certified facilities.



An image showing the clear polystyrene Falcon graduated tube with a blue screw cap. The tube features dark blue printed graduations and a white writing patch. The bottom is conical.

4. SETUP

1. **Unpacking:** Carefully remove the tubes from their sterile packaging. Ensure the packaging is intact upon receipt.
2. **Inspection:** Visually inspect each tube for any signs of damage, cracks, or manufacturing defects before use. Do not use damaged tubes.
3. **Preparation:** If sterility is critical, handle tubes in a sterile environment (e.g., laminar flow hood) using aseptic techniques.

5. OPERATING INSTRUCTIONS

1. **Filling:** Add your sample to the tube. Use the printed graduations to accurately measure the desired volume. Avoid overfilling beyond the maximum capacity to prevent spillage or leakage.
2. **Capping:** Securely screw the cap onto the tube. Ensure the cap is finger-tight to create a leak-proof seal, especially if the tube will be inverted or centrifuged.
3. **Labeling:** Use the large white writing patch to clearly label the tube with sample information, date, and any other relevant details. Use laboratory-grade markers that will not smudge or fade.
4. **Centrifugation:** If centrifuging, ensure the tube is properly balanced in the centrifuge rotor. Do not

exceed the maximum RCF of 1800 x g. Refer to your centrifuge manual for specific operating instructions.

5. **Storage:** Store samples in the tubes according to your experimental requirements (e.g., refrigeration, freezing). Ensure caps remain securely closed during storage.

6. MAINTENANCE

These Falcon tubes are designed for single-use applications and are supplied sterile. They are not intended for cleaning and re-use, as this can compromise their sterility, structural integrity, and performance characteristics.

- **Storage:** Store unused tubes in their original packaging in a clean, dry environment at room temperature, away from direct sunlight or extreme temperatures.
- **Disposal:** Dispose of used tubes and their contents in accordance with local, state, and federal regulations for laboratory waste.

7. TROUBLESHOOTING

- **Leakage:** If leakage occurs, ensure the cap is securely tightened. Check for any damage to the tube or cap threads. Do not reuse leaking tubes.
- **Tube Breakage:** Ensure the maximum RCF is not exceeded during centrifugation. Verify that the centrifuge rotor is balanced correctly. Polystyrene tubes are generally not recommended for very high-speed centrifugation or use with certain organic solvents that may compromise their integrity.
- **Contamination:** If contamination is suspected, verify that aseptic techniques were followed during handling and that the sterile packaging was intact prior to use.

8. SPECIFICATIONS

Attribute	Value
Product Name	CORNING 352099 Polystyrene Falcon Graduated Tube
Model Number	352099
Material	Polystyrene
Capacity	15 mL
Outer Diameter (OD)	17 mm
Length	120 mm
Maximum RCF	1800 x g
Packaging	50/Rack
Sterility	Sterile, Non-pyrogenic, Non-toxic
Manufacturer	CORNING INCORPORATED
Product Dimensions	22 x 11 x 12 inches (packaging); 10.8 Pounds (weight)

9. WARRANTY

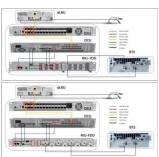
Corning products are manufactured to high-quality standards. For specific warranty information regarding the CORNING 352099 Polystyrene Falcon Graduated Tube, please refer to the official Corning website or contact Corning customer service directly. General warranties typically cover manufacturing defects under normal use conditions.

10. SUPPORT

For technical assistance, product inquiries, or to report any issues, please contact Corning customer support:

- **Website:** Visit the official Corning Life Sciences website for product information and support resources.
- **Contact Information:** Refer to the Corning website for regional contact details, including phone numbers and email addresses.

Related Documents - 352099

	<p>Corning Everon 6000 MIMO System User Manual: Configurations, LEDs, and RF Specifications</p> <p>Detailed user manual for Corning Optical Communications' Everon 6000 series MIMO systems. Covers 2x2, 2TO1, and 4TO1 configurations with dLRU, DEU, DCU, RIU, BTS, dMRU, and dHRU components. Includes LED status definitions, release versions, and critical RF exposure warnings for professional installation.</p>
	<p>Corning MRU & HRU User Manual: Installation and Operation Guide</p> <p>This user manual provides comprehensive instructions for the installation, configuration, and operation of Corning's MRU (Digital Medium-power Remote Unit) and HRU (High Power Remote Unit) systems, essential components for wireless network infrastructure.</p>
	<p>Corning Mabbot Bioprinter Instruction Manual</p> <p>Comprehensive instruction manual for the Corning Mabbot Bioprinter, detailing setup, operation, maintenance, and troubleshooting for advanced bioprinting applications in tissue engineering and 3D cell culture.</p>

	<p><u>Corning KS500/KS250 RJ45 Keystone Cat.6A/6 Installation Instructions</u></p> <p>Comprehensive installation guide for Corning KS500 and KS250 RJ45 Keystone Jacks (Cat.6A/6, shielded/unshielded). Covers preparation, wiring, assembly, and ordering information.</p>
 40G, 100G, 400G and 800G Cabling Reference Guide	<p><u>Corning and Arista 40G, 100G, 400G, and 800G Cabling Reference Guide</u></p> <p>A comprehensive guide from Corning Optical Communications detailing cabling scenarios, transceiver types, and part numbers for Arista networks supporting 40G, 100G, 400G, and 800G data rates. Includes local and across-data-center connections.</p>
	<p><u>Corning HX Mid-Power DAS User Manual: Installation and Specifications</u></p> <p>Comprehensive user manual for the Corning HX Mid-Power Distributed Antenna System (DAS). Covers installation, system architecture, specifications, safety, and regulatory compliance for professional deployment.</p>

Documents - Corning – 352099



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 352098 500 352070 Qty./ Case Cat. No. 500 352097 500...

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