

FlowTubes™ For FACS

- Compatible with FACS (BD) instruments
- 12 x 75mm, 5mL capacity
- With or without 35µm strainer cap

Made of crystal clear virgin polystyrene, these 12x75mm FACS tubes are designed for most Fluorescence Activated Cell Sorting / flow cytometry equipment including FACS systems from BD Biosciences.

The diameter and wall thickness of the tube's neck are held to very tight tolerances to ensure consistent compatibility with automated instrumentation. They are available with the standard two-position culture cap, as well as with a cap that contains a 35µm nylon mesh screen, designed to assist in cell sorting/straining applications. These tubes and mesh caps are primarily used to collect dissociated sample for subsequent processing in automated flow cytometry instruments.

The exclusive tray pack (T9014) keeps the tubes neatly organized in boxes of 250 tubes, and requires approximately 34% less storage space than bulk tubes.



T9014



T9005/T9009
35µm Strainer Cap

Cat. No.	Description	Qty
T9005	FlowTubes™ with strainer cap, sterile, 25 per bag	500
T9009	Strainer caps for FlowTubes, caps only, 25 per bag	500
T9010	FlowTubes™ with standard snap-cap, sterile, 25 per bag	500
T9014	FlowTubes™ without cap, sterile, 250 per tray pack	1000
T9019	Standard caps for FlowTubes™, caps only, 125 per bag	1000
T9020	FlowTubes™, without cap, non-sterile bulk econo-pack, 1000 per bag	4000



Culture Tubes

- Sterile; RNase & DNase free
- Printed graduations
- Dual position caps attached
- Round Bottoms

These disposable sterile tubes are made of high quality polypropylene (PP) that will withstand temperatures from -190° to +120°C. They are also available in crystal clear polystyrene (PS) with a more limited range of 0° to 70°C. Caps are made of polyethylene (PE) and have the popular two position design (up/ loose for aerobic work and down/ sealed for anaerobic cultures). Polystyrene tubes may be centrifuged at up to 2000xg. Polypropylene tubes are able to withstand higher centrifugal forces, up to 4000xg.

Cat. No.	Description	Material	Dimensions	Packaging	Qty
T8301	Culture tubes, 5ml, sterile	PP	12 x 75mm	25/heat sealed bag	1000
T8305	Culture tubes, 5ml, sterile	PS	12 x 75mm	25/heat sealed bag	1000
T8320	Culture tubes, 5ml, sterile	PP	12 x 75mm	125/heat sealed bag	1000
T8300	Culture tubes, 5ml, sterile	PS	12 x 75mm	125/heat sealed bag	1000
T8225	Culture tubes, 14ml, sterile	PS	17 x 100mm	25/notched bag	1000
T8235	Culture tubes, 14ml, sterile	PP	17 x 100mm	25/notched bag	1000
T8250	Culture tubes, 14ml, sterile	PS	17 x 100mm	1/sterile peel	500
T8260	Culture tubes, 14ml, sterile	PP	17 x 100mm	1/sterile peel	500



DuoClick™ Screw-Cap Culture Tubes

- New screw-cap! (Patent Pending)
- Aerobic culturing at first click
- Anaerobic culturing after second click
- Easy to open - Easy to close
- Printed graduations
- Flat, markable screw-cap

Two Position Screw Cap
Patent Pending

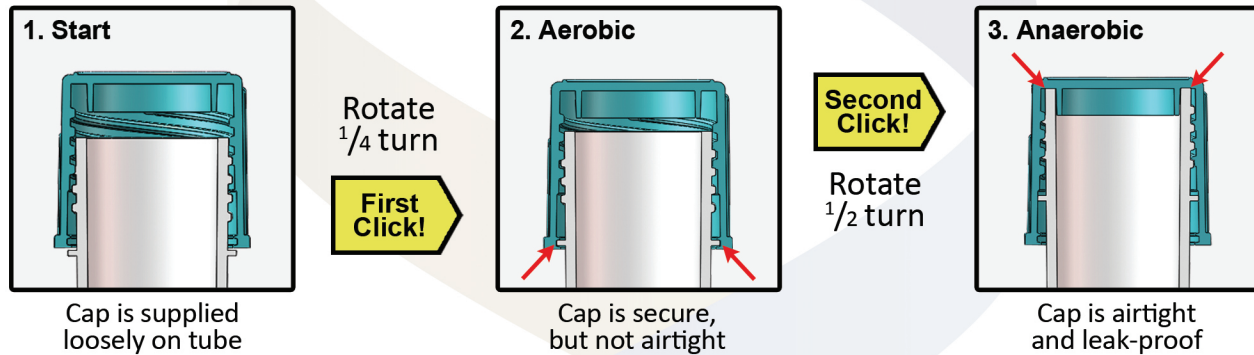


12 x 75mm

17 x 100mm

MTC Bio's new DuoClick™ tubes feature a unique, patent pending screw closure system. DuoClick tubes completely eliminate the excess force, splashing and general frustration of traditional snap-cap culture tubes. The advanced cap design includes two distinct positions for aerobic and anaerobic culturing (see flow-chart below). Just rotate the cap 1/4 turn to the first click to secure the cap in the aerobic position. Or, rotate it another 1/2 turn past the second click for a leakproof, airtight seal for anaerobic culturing.

DuoClick tubes are available gamma sterilized, with screw caps attached, and in our exclusive ready-to-use rack packaging.



Cat. No.	Description	Qty
12 x 75mm		
T8730	12 x 75mm, sterile, polypropylene, attached cap, 20 bags of 25 tubes	500
T8732	12 x 75mm, sterile, polypropylene, attached cap, 10 foam racks of 50 tubes	500
T8734	12 x 75mm, sterile, polypropylene, attached cap, individually wrapped	500
T8741	12 x 75mm, sterile, polystyrene, attached cap, 8 bags of 125 tubes	1000
T8742	12 x 75mm, sterile, polystyrene, attached cap, 10 foam racks of 50 tubes	500
T8750	12 x 75mm, non-sterile, polypropylene, bulk-pack, non-graduated, tubes and caps packed separately	1000
17 x 100mm		
T8830	17 x 100mm, sterile, polypropylene, attached cap, 20 bags of 25 tubes	500
T8832	17 x 100mm, sterile, polypropylene, attached cap, 10 foam racks of 50 tubes	500
T8834	17 x 100mm, sterile, polypropylene, attached cap, individually wrapped	500
T8840	17 x 100mm, sterile, polystyrene, attached cap, 20 bags of 25 tubes	500
T8842	17 x 100mm, sterile, polystyrene, attached cap, 10 foam racks of 50 tubes	500
T8850	17 x 100mm, non-sterile, polypropylene, bulk-pack, non-graduated, tubes and caps packed separately	1000

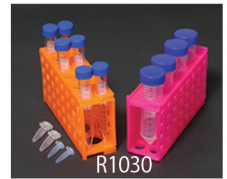
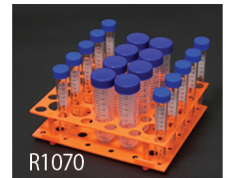
Centrifuge Tubes

- Printed graduations and marking spot
- High clarity polymers
- Sterile; RNase & DNase free

Conical 15mL and 50mL centrifuge tubes are made of premium polypropylene for clarity and centrifugal strength. They are supplied sterile, and although they are autoclavable, their polyethylene screw caps are not. Caps have a flat top surface for easy marking. Cat. No. C2605 features a "skirted" bottom that allows the tube to stand upright without a separate test tube rack.



15mL 50mL 50mL Self-Standing



Individually Wrapped Tubes
C2650-W / C2615-W



30mL Self-Standing Tube
C2630

Specifications:

	Conical	Self-standing
Max RCF:	15mL: 12,000xg* 50mL: 15,000xg*	30mL: 7,000xg* 50mL: 7,000xg*

Temp. Range: All Tubes: -86°C to 121°C

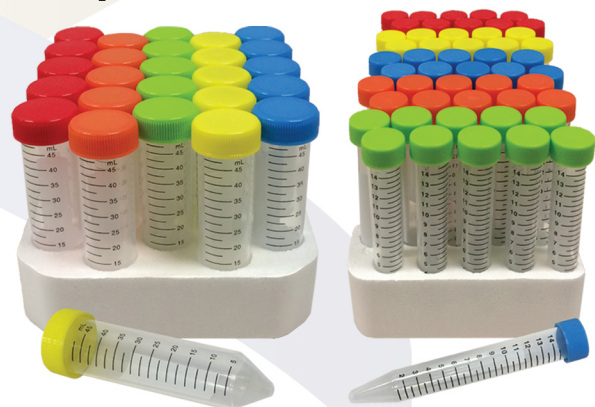
Material: Tube: Polypropylene Cap: Polyethylene

*refers to liquids w/ a specific gravity of 1.0, using appropriate rotors, cushions and adapters.

Cat. No.	Description	Dimensions	Packaging	Qty
C2600	15mL Centrifuge Tube w/ cap, PP	17x121mm	50 in sterile foam rack	500
C2601	15mL Centrifuge Tube w/ cap, PP	17x121mm	50 in sterile notched bag	500
C2602	50mL Centrifuge Tube w/ cap, PP	29x115mm	25 in sterile foam rack	500
C2603	50mL Centrifuge Tube w/ cap, PP	29x115mm	25 in sterile notched bag	500
C2603-B	50mL Centrifuge Tube w/ cap, PP	29x115mm	Non-sterile bulk bag	500
C2605	50mL Free Standing Tube w/ cap, PP	29x116mm	25 in sterile notched bag	500
C2630	30mL Free Standing Tube w/ cap, PP	29x81mm	25 in sterile notched bag	500
C2615-W	15mL Centrifuge Tube w/ cap, PP	17x121mm	Individually wrapped	300
C2650-W	50mL Centrifuge Tube w/ cap, PP	29x115mm	Individually wrapped	300
R1030	4-way rack, for 50mL, 15mL, & 0.5/1.5mL	6.9 x 3.7 x 2.0in.	Rainbow Pack	5
R1070	Combo-rack for 30 x 15mL & 20 x 50mL	8.1 x 6.7 x 2.4in.	Orange	5

MTC Bio's new **SpectraTube™** line is a new twist on the standard 15mL & 50mL centrifuge tube design. We've reconfigured the classic blue cap packaging and placed the tubes conveniently in a foam rack with 5 different cap colors to make sample identification easier than ever. Alternatively, SpectraTubes are available in non-racked bags of 25, with each bag containing a single cap color (4 bags of each color, 5 colors in all).

SpectraTubes™



All dimensions and specifications are the same as our standard, blue cap tubes shown above.



C2716: Bagged Tubes

Cat. No.	Description	Qty
C2715	15mL Centrifuge tubes w/ rainbow caps, sterile, 50 per foam rack	500
C2750	50mL Centrifuge tubes w/ rainbow caps, sterile, 25 per foam rack	500
C2716	15mL Centrifuge tubes w/ rainbow caps, sterile, single color bags, 25 tubes per bag (4 bags of each color)	500
C2751	50mL Centrifuge tubes w/ rainbow caps, sterile, single color bags, 25 tubes per bag (4 bags of each color)	500

SureStrain™ Cell Strainers

The SureStrain™ Premium Cell Strainer system is a fast and easy-to-use solution for detaching, isolating and straining cells from clusters and tissues. A polypropylene frame supports a nylon mesh that is available in three color-coded porosities: 40µm (blue), 70µm (white), and 100µm (yellow). A tiered filtration process is made possible by the SureStrain's unique interlocking stackable design.

SureStrain's molded grip and unique geometry ensure aseptic handling and eliminate the contamination risks associated with fingers contacting the filtered suspension, mesh and/or interior surfaces. The sterile strainer can be easily removed from the special blister packaging without touching its interior surface or mesh.

The advanced frame/housing design also contributes to enhanced performance and reduced processing time, by eliminating the "air-lock" effect. Improved aeration allows air to escape while filtrate is entering the tube, preventing messy spillovers. Simply open the sterile package, attach the strainer to the top of a 50mL tube and add your cell suspension/sample. Or, attach the provided reducing adapter for use in 5mL or 15mL tubes. SureStrain produces an optimized filtrate ready for maximum flow in separation columns and cytometers.

Cat. No.	Description	Qty
C4040	40µm, blue, sterile, individually wrapped, w/ one reducing adapter	50
C4070	70µm, white, sterile, individually wrapped, w/ one reducing adapter	50
C4100	100µm, yellow, sterile, individually wrapped, w/ one reducing adapter	50
C4015	Reducing adapter for use with 12x75mm, 5mL and 15mL tubes	50
C4010	PolyPestle™ dual-sided pestle for cell strainers & 1.5mL microtubes, sterile, individually wrapped	25



NEW



40µm



70µm



100µm

Watch the Video!



Reducing adapter for 5 & 15mL tubes



Reducing adapter equipped on 15 & 5mL tubes



PolyPestle™ Dual sided Pestle for strainers & microtubes



Stackable



Four 2mm tall feet For use with plates and dishes

ReadyStrain™

NEW

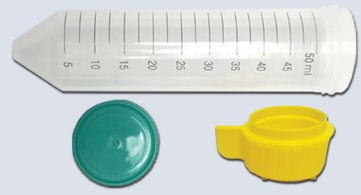
Ready to Use!
tube, strainer, cap



ReadyStrain™ is the first product of its kind, providing all the necessary parts for filtration of cell suspensions and combining them into a single, preassembled, ready to use, sterile packet. These kits eliminate the contamination risks associated with opening multiple packages, and assembling separate pieces (i.e. tubes strainers and caps). The individual sterile packets mean researchers are no longer forced to expose entire bags of 50mL tubes and corresponding caps in order to perform one filtration. Instead they can open a single ReadyStrain packet directly under the hood. Each kit contains a sterile SureStrain™ Strainer, pre-attached to a sterile 50mL tube, with a separate sterile screw-cap ready for assembly, processing and storage after the filtration is complete. Kits are supplied in easy open "tear-strip" bags and gamma sterilized.

What's included:

- 1 x 50mL Centrifuge tube w/ Graduations
 - 1 x Attached SureStrain™ Cell Strainer (40, 70 or 100µm)
 - 1 x Screw Cap for 50mL Centrifuge Tube
- Kits supplied sterile, preassembled, in individual easy-open bags, 50/pk



Cat. No.	Description	Qty
C5040	Cell straining kit, with strainer, 50mL tube and screw-cap, 40µm, blue, sterile, individually wrapped	50
C5070	Cell straining kit, with strainer, 50mL tube and screw-cap, 70µm, white, sterile, individually wrapped	50
C5100	Cell straining kit, with strainer, 50mL tube and screw-cap, 100µm, yellow, sterile, individually wrapped	50