Sample storage

Pure protection: prepare, transfer, and store samples securely

Screw Cap Micro Tubes, Non-sterile and Electron Beam Sterilized



Screw cap microcentrifuge tubes are incredibly versatile and essential to nearly every laboratory. Primary applications are centrifugation, separation, diagnostic kitting, PCR sample preparation, freezer storage, transformation, incubation, liquid transfer, and use in a water bath.

Adaptable to a variety of industries, 0.5, 1.5, and 2.0 mL screw cap microcentrifuge tubes are multifaceted and have applied uses in academic labs, biotech and pharmaceutical settings, and hospital and reference labs, as well as in a variety of industrial sectors like agriculture, cosmetics, and food and beverage.

Thermo Scientific™ Screw Cap Micro Tubes have a robust design that can maintain a seal and withstand the rigors of centrifugation, freezing, and heat exchanges, making the tubes reliable for sample preparation. Screw caps utilize an O-ring that is compressed as the cap is tightened, helping to prevent leaks under demanding conditions. Material selection makes the tubes well suited for biologics work, offering excellent sample recovery and low inhibition for maximal sample results. The externally threaded tubes are offered in ultra-clear natural color or UV-protective amber tubes. Sterility options include non-sterile and electron beam (e-beam) sterilization. The robust design, material selection, and product variety of these tubes offer solutions to everyday laboratory needs.

Protect samples every step of the way, from sample preparation to transportation and storage—high-quality material offers low binding and enzyme inhibition, while meticulous design maximizes long-term durability.

Product: 0.5 mL Screw Cap Micro Tube, Non-knurl, Non-skirted

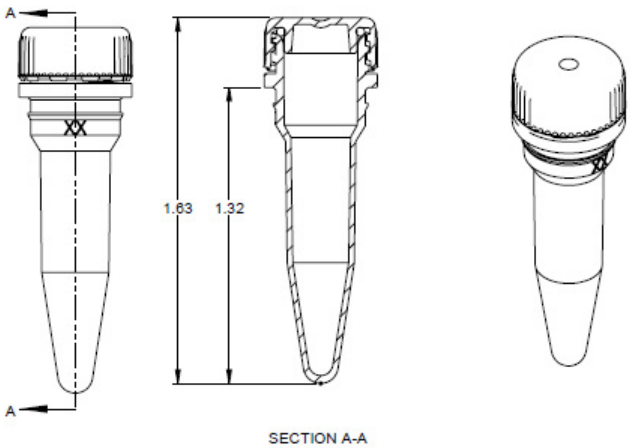
Description	Sterility and packaging description	Packaging quantity and case dimensions	Cat. No.
0.5 mL, non-knurl, non-skirted, amber	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3460ANK
		Imperial dimensions: 15.52 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 7.04 kg, 63.5 x 35.24 x 26.35 cm	
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3462ANK
		Imperial dimensions: 11.26 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 5.11 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3431ANK
		Imperial dimensions: 19.7 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 8.94 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3462ANKS
		Imperial dimensions: 11.26 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 5.11 kg, 63.5 x 35.24 x 26.35 cm	
0.5 mL, non-knurl, non-skirted, natural	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3460NK
		Imperial dimensions: 15.52 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 7.04 kg, 63.5 x 35.24 x 26.35 cm	
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3462NK
		Imperial dimensions: 11.26 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 5.11 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3431NK
		Imperial dimensions: 19.7 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 8.94 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3462NKS
		Imperial dimensions: 11.26 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 5.11 kg, 63.5 x 35.24 x 26.35 cm	

Tube dimensions

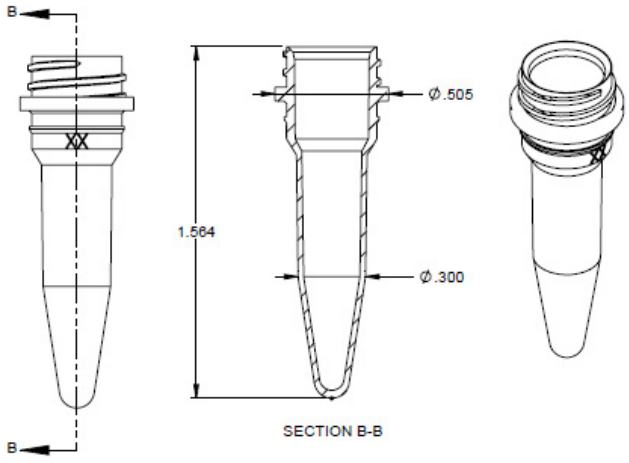
Unit of measure	Tube height without cap	Tube height with cap	Tube diameter
Imperial measurement	1.564 in.	1.634 in.	0.300 in.
Metric measurement	3.97 cm	4.15 cm	0.76 cm



Tube with cap



Tube without cap



Product: 0.5 mL Screw Cap Micro Tube, Knurl, Skirted

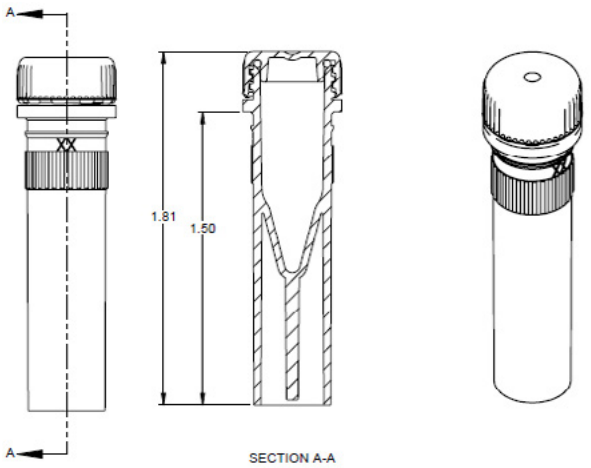
Description	Sterility and packaging description	Packaging quantity and case dimensions	Cat. No.
0.5 mL, knurl, skirted, amber	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 23.67 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 10.74 kg, 63.5 x 35.24 x 26.35 cm	3472A
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 19.05 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 8.64 kg, 63.5 x 35.24 x 26.35 cm	3422A
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 23.35 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 10.59 kg, 63.5 x 35.24 x 26.35 cm	3465A
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 19.05 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 8.64 kg, 63.5 x 35.24 x 26.35 cm	3422AS
0.5 mL, knurl, skirted, natural	**Non-sterile:** tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 19.05 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 8.64 kg, 63.5 x 35.24 x 26.35 cm	3422-11
	Non-sterile: tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 23.67 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 10.74 kg, 63.5 x 35.24 x 26.35 cm	3472
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 23.35 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 10.59 kg, 63.5 x 35.24 x 26.35 cm	3465
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 19.05 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 8.64 kg, 63.5 x 35.24 x 26.35 cm	3422S

Tube dimensions

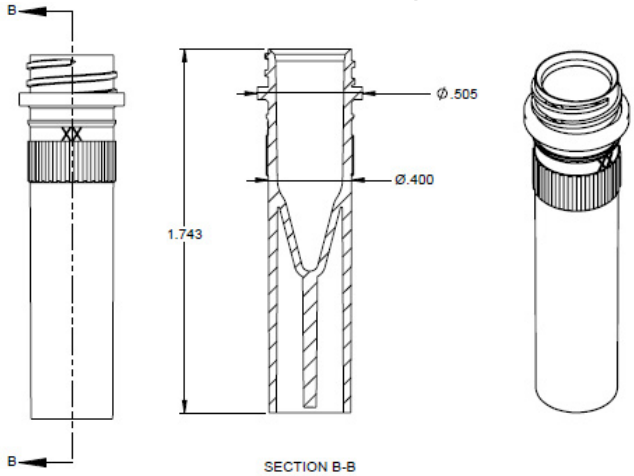
Unit of measure	Tube height without cap	Tube height with cap	Tube diameter
Imperial measurement	1.743 in.	1.810 in.	0.400 in.
Metric measurement	4.43 cm	4.60 cm	1.02 cm



Tube with cap



Tube without cap



Product: 0.5 mL Screw Cap Micro Tube, Non-knurl, Skirted

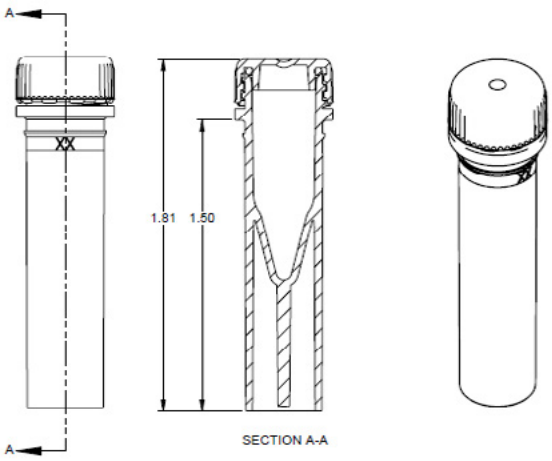
Description	Sterility and packaging description	Packaging quantity and case dimensions	Cat. No.
0.5 mL, non-knurl, skirted, amber	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 23.67 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 10.74 kg, 63.5 x 35.24 x 26.35 cm	3472ANK
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 19.05 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 8.64 kg, 63.5 x 35.24 x 26.35 cm	3422ANK
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 23.35 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 10.59 kg, 63.5 x 35.24 x 26.35 cm	3465ANK
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 19.05 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 8.64 kg, 63.5 x 35.24 x 26.35 cm	3422ANKS
0.5 mL, non-knurl, skirted, natural	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 23.67 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 10.74 kg, 63.5 x 35.24 x 26.35 cm	3472NK
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 19.05 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 8.64 kg, 63.5 x 35.24 x 26.35 cm	3422NK
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 23.35 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 10.59 kg, 63.5 x 35.24 x 26.35 cm	3465NK
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 19.05 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 8.64 kg, 63.5 x 35.24 x 26.35 cm	3422NKS

Tube dimensions

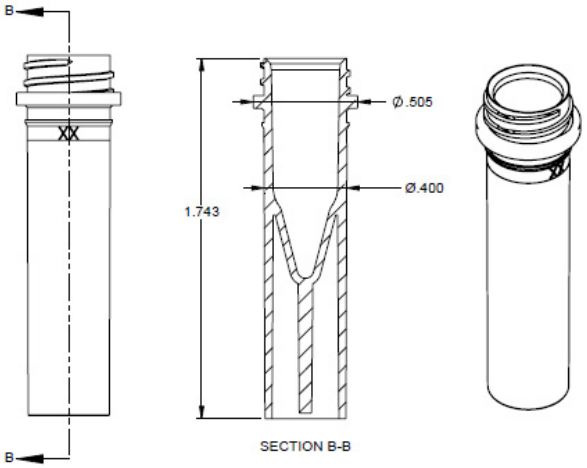
Unit of measure	Tube height without cap	Tube height with cap	Tube diameter
Imperial measurement	1.743 in.	1.810 in.	0.400 in.
Metric measurement	4.43 cm	4.60 cm	1.02 cm



Tube with cap



Tube without cap



Product: 1.5 mL Screw Cap Micro Tube, Knurl, Non-skirted

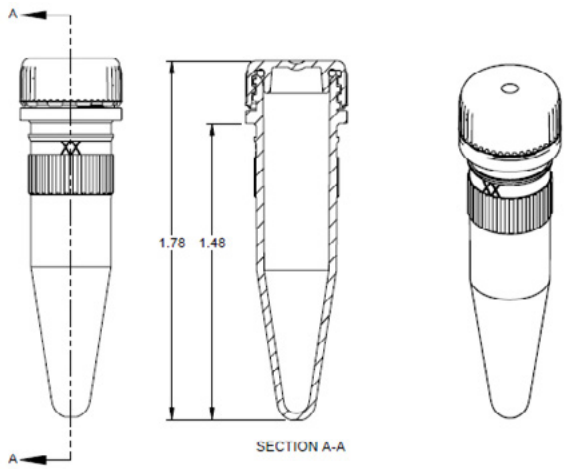
Description	Sterility and packaging description	Packaging quantity and case dimensions	Cat. No.
1.5 mL, knurl, non-skirted, amber	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3464A
		Imperial dimensions: 18.61 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 8.44 kg, 63.5 x 35.24 x 26.35 cm	
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3466A
		Imperial dimensions: 14.7 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 6.67 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3461A
		Imperial dimensions: 18.23 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 8.27 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3466AS
		Imperial dimensions: 14.7 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 6.67 kg, 63.5 x 35.24 x 26.35 cm	
1.5 mL, knurl, non-skirted, natural	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3464
		Imperial dimensions: 18.61 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 8.44 kg, 63.5 x 35.24 x 26.35 cm	
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3466
		Imperial dimensions: 14.7 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 6.67 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3461
		Imperial dimensions: 18.23 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 8.27 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3466S
		Imperial dimensions: 14.7 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 6.67 kg, 63.5 x 35.24 x 26.35 cm	

Tube dimensions

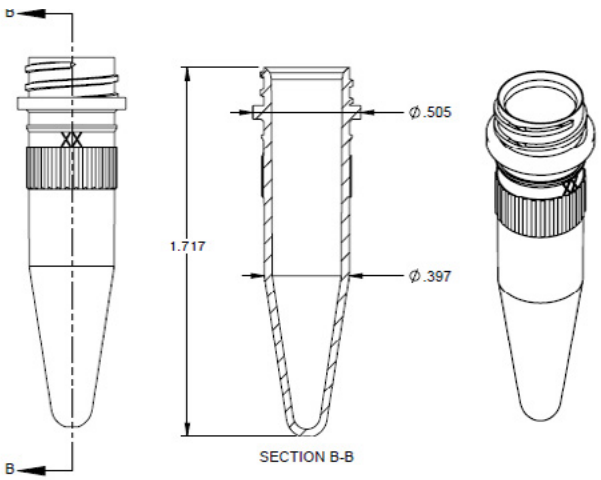
Unit of measure	Tube height without cap	Tube height with cap	Tube diameter
Imperial measurement	1.717 in.	1.780 in.	0.397 in.
Metric measurement	4.36 cm	4.52 cm	1.01 cm



Tube with cap



Tube without cap



Product: 1.5 mL Screw Cap Micro Tube, Non-knurl, Non-skirted

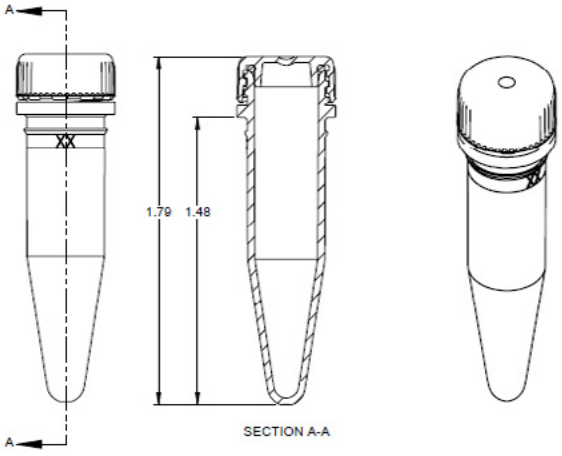
Description	Sterility and packaging description	Packaging quantity and case dimensions	Cat. No.
1.5 mL, non-knurl, non-skirted, amber	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3464ANK
		Imperial dimensions: 18.61 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 8.44 kg, 63.5 x 35.24 x 26.35 cm	
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3466ANK
		Imperial dimensions: 14.7 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 6.67 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3461ANK
		Imperial dimensions: 18.23 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 8.27 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3466ANKS
		Imperial dimensions: 14.7 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 6.67 kg, 63.5 x 35.24 x 26.35 cm	
1.5 mL, non-knurl, non-skirted, natural	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3464NK
		Imperial dimensions: 18.61 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 8.44 kg, 63.5 x 35.24 x 26.35 cm	
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3466NK
		Imperial dimensions: 14.7 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 6.67 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3461NK
		Imperial dimensions: 18.23 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 8.27 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3466NKS
		Imperial dimensions: 14.7 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 6.67 kg, 63.5 x 35.24 x 26.35 cm	

Tube dimensions

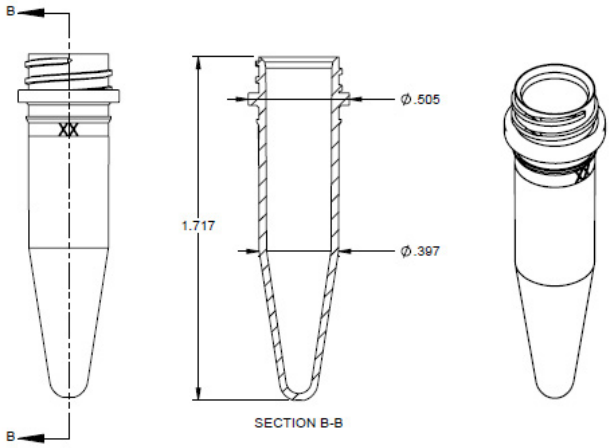
Unit of measure	Tube height without cap	Tube height with cap	Tube diameter
Imperial measurement	1.717 in.	1.790 in.	0.397 in.
Metric measurement	4.36 cm	4.55 cm	1.01 cm



Tube with cap



Tube without cap



Product: 1.5 mL Screw Cap Micro Tube, Knurl, Skirted

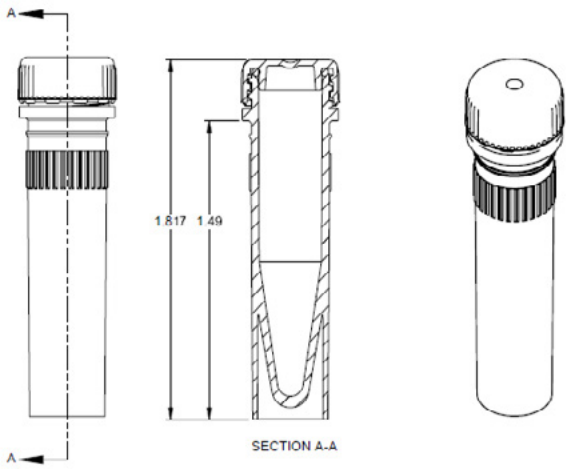
Description	Sterility and packaging description	Packaging quantity and case dimensions	Cat. No.
1.5 mL, knurl, skirted, amber	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 24.15 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 10.95 kg, 63.5 x 35.24 x 26.35 cm	3474A
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 19.83 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 8.99 kg, 63.5 x 35.24 x 26.35 cm	3478A
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 24.16 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 10.96 kg, 63.5 x 35.24 x 26.35 cm	3467A
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 19.83 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 8.99 kg, 63.5 x 35.24 x 26.35 cm	3478AS
1.5 mL, knurl, skirted, natural	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 24.15 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 10.95 kg, 63.5 x 35.24 x 26.35 cm	3474
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 19.83 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 8.99 kg, 63.5 x 35.24 x 26.35 cm	3478
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 24.16 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 10.96 kg, 63.5 x 35.24 x 26.35 cm	3467-11
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 19.83 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 8.99 kg, 63.5 x 35.24 x 26.35 cm	3478S

Tube dimensions

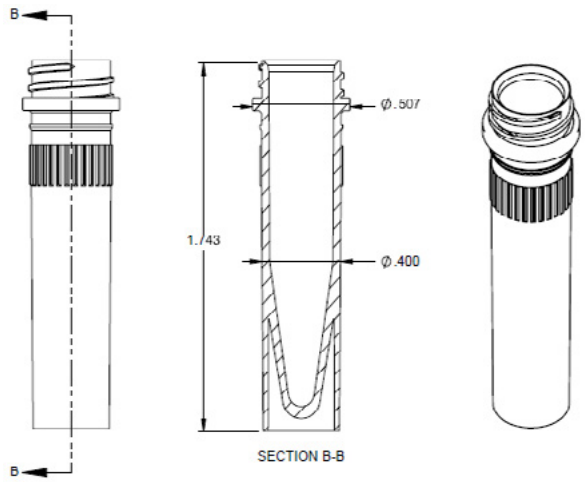
Unit of measure	Tube height without cap	Tube height with cap	Tube diameter
Imperial measurement	1.743 in.	1.817 in.	0.400 in.
Metric measurement	4.43 cm	4.62 cm	1.02 cm



Tube with cap



Tube without cap



Product: 2.0 mL Screw Cap Micro Tube, Knurl, Skirted

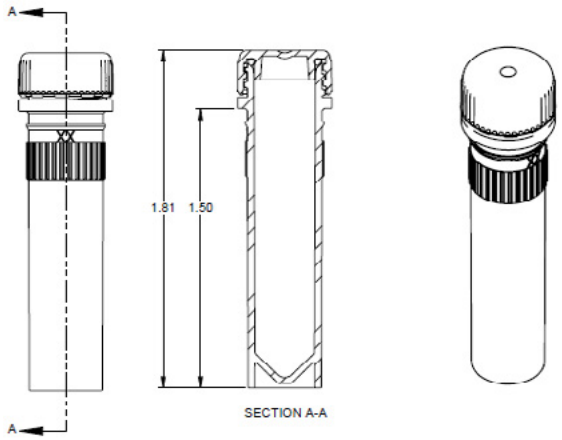
Description	Sterility and packaging description	Packaging quantity and case dimensions	Cat. No.
2.0 mL, knurl, skirted, amber	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3488A
		Imperial dimensions: 21.54 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 9.77 kg, 63.5 x 35.24 x 26.35 cm	
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3490A
		Imperial dimensions: 17.23 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 7.82 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3469A
		Imperial dimensions: 21.57 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 9.78 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3490AS
		Imperial dimensions: 17.23 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 7.82 kg, 63.5 x 35.24 x 26.35 cm	
2.0 mL, knurl, skirted, natural	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3488
		Imperial dimensions: 21.54 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 9.77 kg, 63.5 x 35.24 x 26.35 cm	
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3490
		Imperial dimensions: 17.23 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 7.82 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3469-11
		Imperial dimensions: 21.57 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 9.78 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3490S
		Imperial dimensions: 17.23 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 7.82 kg, 63.5 x 35.24 x 26.35 cm	

Tube dimensions

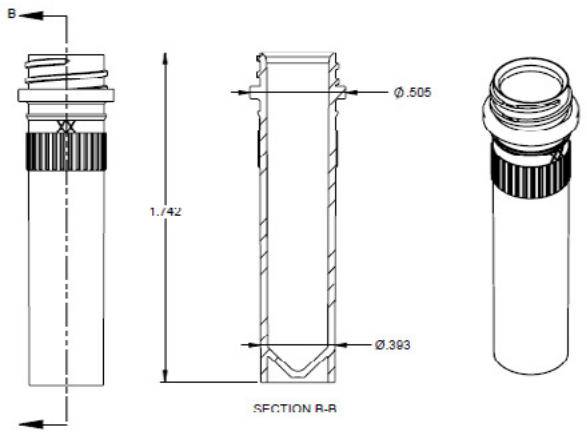
Unit of measure	Tube height without cap	Tube height with cap	Tube diameter
Imperial measurement	1.742 in.	1.810 in.	0.393 in.
Metric measurement	4.42 cm	4.60 cm	1.00 cm



Tube with cap



Tube without cap



Product: 2.0 mL Screw Cap Micro Tube, Non-knurl, Skirted

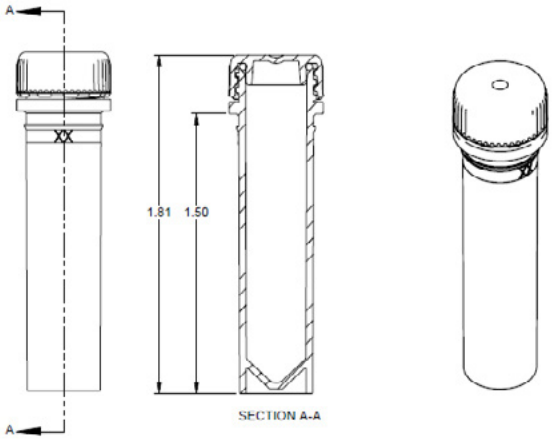
Description	Sterility and packaging description	Packaging quantity and case dimensions	Cat. No.
2.0 mL, non-knurl, skirted, amber	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3488ANK
		Imperial dimensions: 21.54 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 9.77 kg, 63.5 x 35.24 x 26.35 cm	
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3490ANK
		Imperial dimensions: 17.23 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 7.82 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3469ANK
		Imperial dimensions: 21.57 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 9.78 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3490ANKS
		Imperial dimensions: 17.23 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 7.82 kg, 63.5 x 35.24 x 26.35 cm	
2.0 mL, non-knurl, skirted, natural	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3488NK
		Imperial dimensions: 21.54 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 9.77 kg, 63.5 x 35.24 x 26.35 cm	
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3490NK
		Imperial dimensions: 17.23 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 7.82 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3469NK
		Imperial dimensions: 21.57 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 9.78 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3490NKS
		Imperial dimensions: 17.23 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 7.82 kg, 63.5 x 35.24 x 26.35 cm	

Tube dimensions

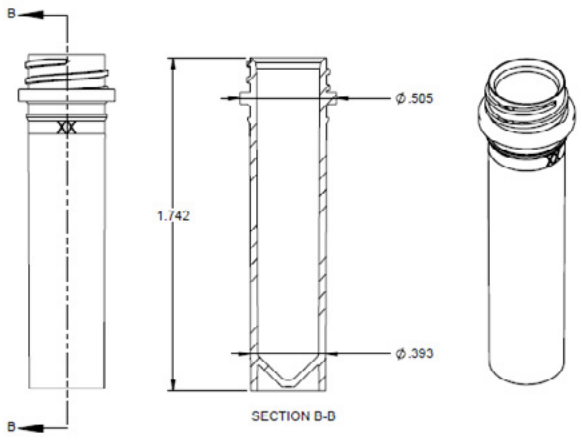
Unit of measure	Tube height without cap	Tube height with cap	Tube diameter
Imperial measurement	1.742 in.	1.810 in.	0.393 in.
Metric measurement	4.42 cm	4.60 cm	1.00 cm



Tube with cap



Tube without cap



Product: 2.0 mL Screw Cap Micro Tube, Knurl, Non-skirted

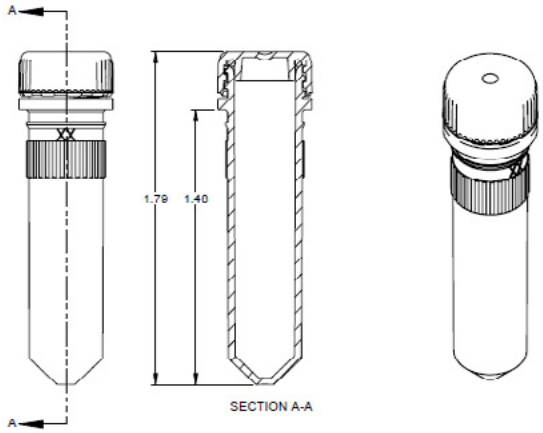
Description	Sterility and packaging description	Packaging quantity and case dimensions	Cat. No.
2.0 mL, knurl, non-skirted, amber	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3468A
		Imperial dimensions: 20.6 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 9.44 kg, 63.5 x 35.24 x 26.35 cm	
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3470A
		Imperial dimensions: 16.56 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 7.51 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3463A
		Imperial dimensions: 22.46 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 10.19 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3470AS
		Imperial dimensions: 16.56 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 7.51 kg, 63.5 x 35.24 x 26.35 cm	
2.0 mL, knurl, non-skirted, natural	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3468
		Imperial dimensions: 20.6 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 9.44 kg, 63.5 x 35.24 x 26.35 cm	
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3470
		Imperial dimensions: 16.56 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 7.51 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3463
		Imperial dimensions: 22.46 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 10.19 kg, 63.5 x 35.24 x 26.35 cm	
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3470S
		Imperial dimensions: 16.56 lb, 25 x 13.87 x 10.37 in.	
		Metric dimensions: 7.51 kg, 63.5 x 35.24 x 26.35 cm	

Tube dimensions

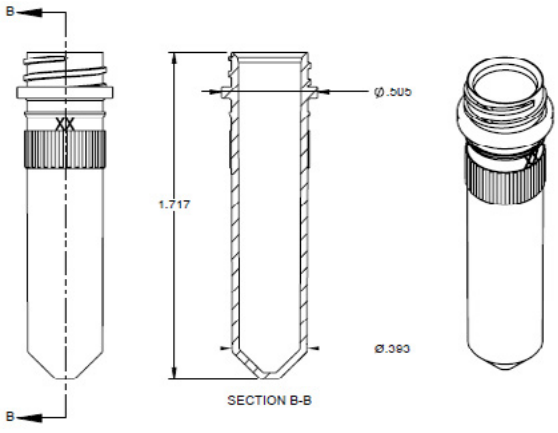
Unit of measure	Tube height without cap	Tube height with cap	Tube diameter
Imperial measurement	1.717 in.	1.790 in.	0.393 in.
Metric measurement	4.36 cm	4.55 cm	1.00 cm



Tube with cap



Tube without cap



Product: 2.0 mL Screw Cap Micro Tube, Non-knurl, Non-skirted

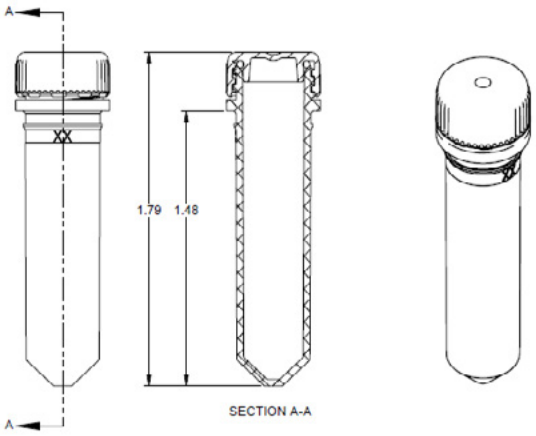
Description	Sterility and packaging description	Packaging quantity and case dimensions	Cat. No.
2.0 mL, non-knurl, non-skirted, amber	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 20.6 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 9.44 kg, 63.5 x 35.24 x 26.35 cm	3468ANK
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 16.56 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 7.51 kg, 63.5 x 35.24 x 26.35 cm	3470ANK
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 22.46 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 10.19 kg, 63.5 x 35.24 x 26.35 cm	3463ANK
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 16.56 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 7.51 kg, 63.5 x 35.24 x 26.35 cm	3470ANKS
2.0 mL, non-knurl, non-skirted, natural	**Non-sterile:** tube with unattached cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 20.6 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 9.44 kg, 63.5 x 35.24 x 26.35 cm	3468NK
	Non-sterile: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 16.56 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 7.51 kg, 63.5 x 35.24 x 26.35 cm	3470NK
	Sterile e-beam: tube with cap threaded onto tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 22.46 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 10.19 kg, 63.5 x 35.24 x 26.35 cm	3463NK
	Sterile e-beam: tube only, no cap, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 16.56 lb, 25 x 13.87 x 10.37 in. **Metric dimensions:** 7.51 kg, 63.5 x 35.24 x 26.35 cm	3470NKS

Tube dimensions

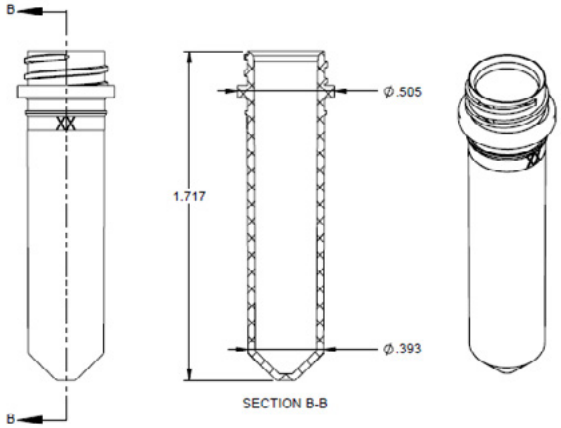
Unit of measure	Tube height without cap	Tube height with cap	Tube diameter
Imperial measurement	1.717 in.	1.790 in.	0.393 in.
Metric measurement	4.36 cm	4.55 cm	1.00 cm



Tube with cap



Tube without cap



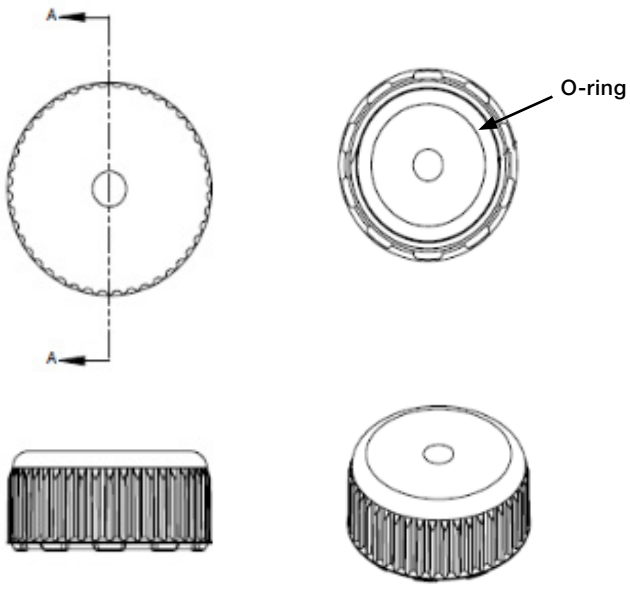
Product: Screw Cap Microcentrifuge Tube Cap with O-ring

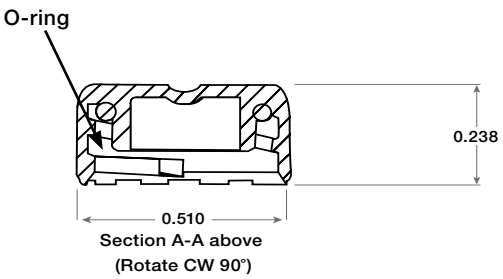
Description		Sterility and packaging description	Packaging quantity and case dimensions	Cat. No.
Standard cap amber		**Non-sterile:** cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471A
		Sterile e-beam: cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471AS
Standard cap black		**Non-sterile:** cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471BLK
		Sterile e-beam: cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471BLKS
Standard cap blue		**Non-sterile:** cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471B
		Sterile e-beam: cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471BS
Standard cap green		**Non-sterile:** cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471G
		Sterile e-beam: cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471GS
Standard cap natural		**Non-sterile:** cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471
		Sterile e-beam: cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471S
Standard cap orange		**Non-sterile:** cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471O
		Sterile e-beam: cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471OS
Standard cap pink		**Non-sterile:** cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471P
		Sterile e-beam: cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471PS
Standard cap red		**Non-sterile:** cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471R
		Sterile e-beam: cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471RS

Description	Sterility and packaging description	Packaging quantity and case dimensions	Cat. No.
Standard cap violet 	**Non-sterile:** cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471V
	Sterile e-beam: cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471VS
Standard cap white 	**Non-sterile:** cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471W
	Sterile e-beam: cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471WS
Standard cap yellow 	**Non-sterile:** cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471Y
	Sterile e-beam: cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471YS
Standard cap mixed colors Includes black, blue, green, natural, orange, pink, red, violet, white, yellow. Amber not included.	**Non-sterile:** cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471MIX
Standard cap mixed colors Includes black, blue, green, natural, orange, pink, red, violet, white, yellow. Amber not included.	**Sterile e-beam:** cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs **Imperial dimensions:** 4.42 lb, 13.5 x 8.37 x 5.16 in. **Metric dimensions:** 2.01 kg, 34.29 x 21.27 x 13.098 cm	3471MIXS

Cap dimensions

Unit of measure	Cap height	Cap diameter
Imperial measurement	0.238 in.	0.510 in.
Metric measurement	0.60 cm	1.30 cm





Product: Tether Screw Cap with O-ring

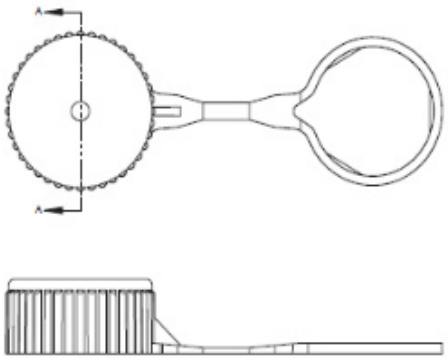
Description	Sterility and packaging description	Packaging quantity and case dimensions	Cat. No.
Tether cap amber	**Non-sterile:** tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TA
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
	Sterile e-beam: tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TAS
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
Tether cap black	**Non-sterile:** tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TBLK
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
	Sterile e-beam: tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TBLKS
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
Tether cap blue	**Non-sterile:** tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TB
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
	Sterile e-beam: tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TBS
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
Tether cap green	**Non-sterile:** tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TG
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
	Sterile e-beam: tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TGS
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
Tether cap natural	**Non-sterile:** tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471T
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
	Sterile e-beam: tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TS
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
Tether cap orange	**Non-sterile:** tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TO
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
	Sterile e-beam: tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TOS
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
Tether cap pink	**Non-sterile:** tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TP
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
	Sterile e-beam: tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TPS
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
Tether cap red	**Non-sterile:** tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TR
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
	Sterile e-beam: tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TRS
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	

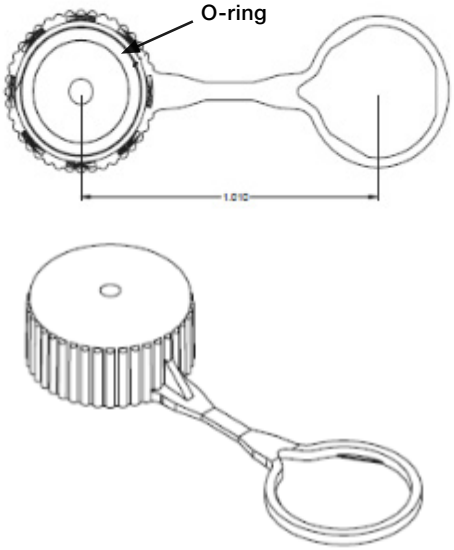
Description	Sterility and packaging description	Packaging quantity and case dimensions	Cat. No.
Tether cap violet	**Non-sterile:** tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TV
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
	Sterile e-beam: tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TVS
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
Tether cap white	**Non-sterile:** tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TW
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
	Sterile e-beam: tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TWS
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
Tether cap yellow	**Non-sterile:** tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TY
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
	Sterile e-beam: tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TYS
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
Tether cap mixed colors Includes black, blue, green, natural, orange, pink, red, violet, white, yellow. Amber not included.	**Non-sterile:** tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TMIX
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	
Tether cap mixed colors Includes black, blue, green, natural, orange, pink, red, violet, white, yellow. Amber not included.	**Sterile e-beam:** tether cap only, no tube, single bag ziplock seal	**Quantity:** 500 x pk, 10 pk x cs, 5,000 x cs	3471TMIXS
		Imperial dimensions: 4.64 lb, 13.5 x 8.37 x 5.16 in.	
		Metric dimensions: 2.1 kg, 34.29 x 21.27 x 13.098 cm	

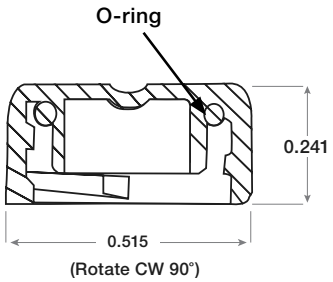
Tether cap dimensions

Unit of measure	Cap height	Cap center to center	Cap diameter
Imperial measurement	0.241 in.	1.010 in.	0.515 in.
Metric measurement	0.61 cm	2.56 cm	1.31 cm









Clean claims

Attribute	Description
Non-sterile	Non-sterile validated, human and mouse DNA <30 pg/µL, RNase <1 x 10^{-9} Kunitz units/µL, DNase <1 x 10^{-7} Kunitz units/µL, pyrogen <0.5 EU/mL (20 EU per device)
Electron beam (e-beam) sterility	Validated to ISO11137, sterility assurance level (SAL) of 10^{-6}, human and mouse DNA <30 pg/µL, RNase <1 x 10^{-9} Kunitz units/µL, DNase <1 x 10^{-7} Kunitz units/µL, pyrogen <0.5 EU/mL (20 EU per device), ATP <1 x 10^{-13} mg/µL
Trace metals	Product is free of any trace metals.
Animal origin–free	Our material suppliers do not use or intentionally add ingredients.
BSE and TSE	Our material suppliers do not use or intentionally add ingredients.
Bisphenol A (BPA) free	BPA has not been used in the manufacturing process of the plastic.
Leachables/extractables	Manufactured without the use of slip agents, plasticizers, phthalates, and biocides. USP 665 extractables and leachables reports may be available upon request.
Polymerase chain reaction (PCR) inhibitors	Products are tested for the presence of PCR inhibitors by amplification of a human DNA target sequence. PCR is performed including the appropriate controls, and all reactions are analyzed by gel electrophoresis. Test and control reactions must amplify the expected DNA fragment with equivalent yield and purity to verify that the product is free of detectable PCR inhibitors.
European Directive 2015/863/EU, RoHS compliance	Our material suppliers do not use or intentionally incorporate the following during the manufacturing process: cadmium, lead, mercury, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), bis(2-ethylhexyl) phthalate (DEHP), butyl benzyl phthalate (BBP), dibutyl phthalate (DBP), and diisobutyl phthalate (DIBP).
Chemical compatibility of plastic	Refer to the **Labware Chemical Resistance Table**.
Chemical compatibility of O-ring	O-ring chemical compatibility table is available upon request.
Certificate of Quality	Refer to the Fit for Purpose Microcentrifuge Screw Caps Product Line Certificate on the **product page**.

Manufacturing specifications

Specification	Description
ISO	Certified ISO9001 and ISO13485; certificate available upon request
CE-IVD	No
Medical device/medical grade	No
Warranty	1 year
Expiration date/shelf life	5 years
Product storage	Store product in ambient, dry conditions
Product use	Laboratory, single-use only
General quality statement	Statement available upon request

Product properties

Attribute	Description
Tube and cap material	100% virgin polypropylene (PP) for both natural and amber
O-ring material	Black O-ring, ethylene propylene diene monomer rubber
Centrifuge rotor fit	Intended to fit standard rotor type
Storage rack fit	Intended to fit standard rack type
Water bath compatible	Yes, maximum temperature of 95°C
Autoclavable	No
Temperature range	–80°C to 95°C
Cold storage	–80°C, –20°C, dry ice, wet ice
Liquid nitrogen (LN_2)	Acceptable for short-term vapor phase and quick flash freeze; not recommended for LN_2 submersion storage
Max RCF	Conical tube: 0.5 mL is 25,000 x *g*; 1.5 and 2.0 mL are 20,000 x *g*
	Skirted tube: 0.5, 1.5, and 2.0 mL are 18,000 x *g*
Minimum/maximum torque, manual application	Imperial: 0.125 to 2.5 lbf-in; metric: 1.412 to 28.24 N-cm
Minimum/maximum torque, automated application	Imperial: 1.312 to 2.5 lbf-in; metric: 14.83 to 28.24 N-cm
UV resistance	Amber color only: average UV protection of 1.22% transmittance between 220 and 500 nm
Binding property	Low nucleic acid binding, low protein binding, and low enzyme inhibition

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