



Thermo Scientific
Nunc Roller Bottles

no matter the culture
we have a solution

Thermo
SCIENTIFIC

Enhanced portfolio, unequaled choice

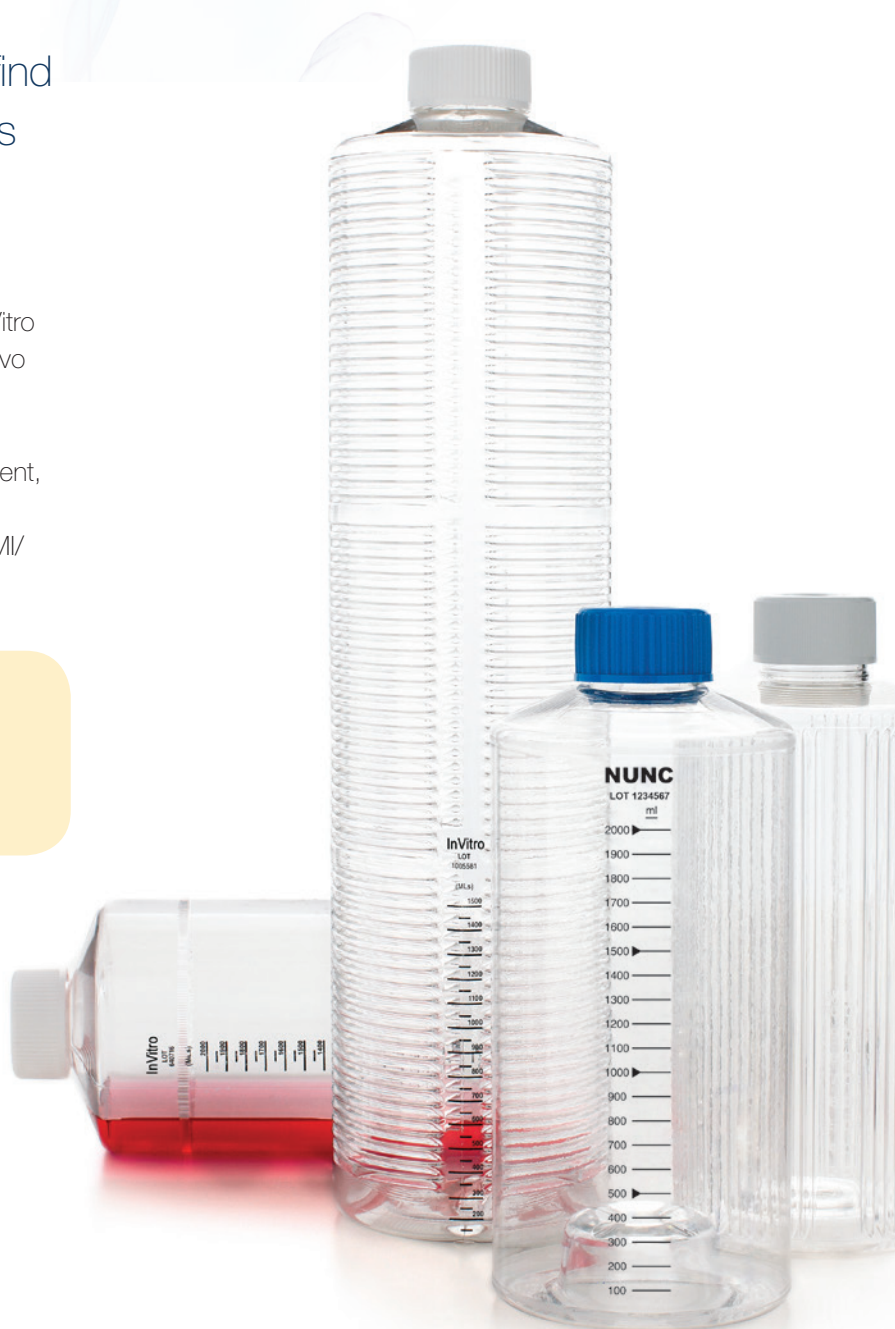
We offer an unmatched portfolio of roller bottles. The choice is yours with options available in both polystyrene (PS) and polyethylene terephthalate (PETG), smooth and expanded surface formats, enabling you to find the optimal substrate for your cells culture.

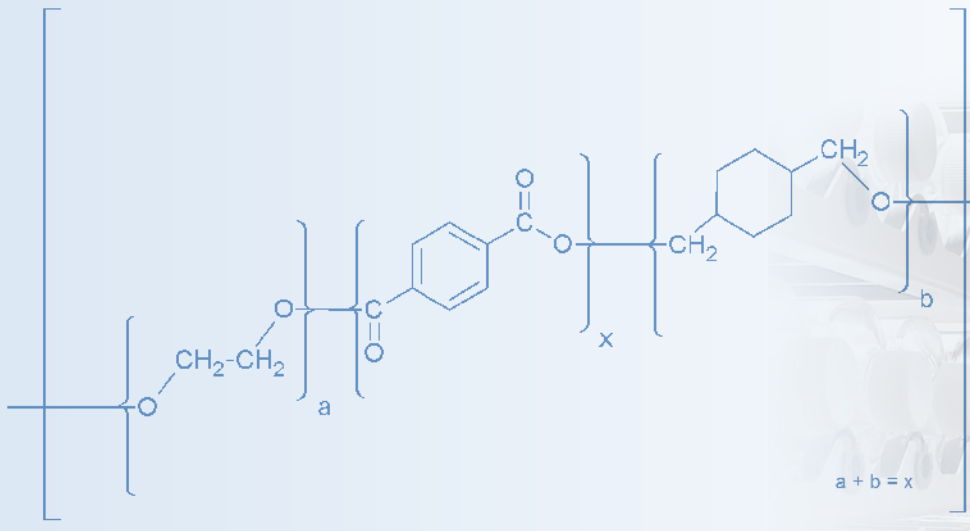
Assured performance and compliance

- Non-cytotoxic; USP <87> Biological Reactivity, InVitro
- USP Class VI; USP <88> Biological Reactivity, InVivo
- Every lot is tested to meet USP <85> Bacterial Endotoxin compliance
- Our roller bottles are cell culture treated for consistent, reliable cell attachment
- Certified sterile by gamma irradiation per ANSI/AAMI/ ISO 11137 Guidelines

Superior Manufacturing

- All Thermo Scientific Nunc Roller Bottles are manufactured in ISO 13485-2010 registered facilities and ISO Class 7 Clean Rooms





Thermo Scientific Nunc PETG Roller Bottles

Increase cell growth and product yield without increasing labor

Thermo Scientific™ Nunc™ PETG Roller Bottles are molded in shatter-resistant PETG and are available in both smooth and pleated surfaces. Growth areas ranging from 1050 cm² to 4200 cm² enable increased cell expansion and product yield without investing in additional equipment or increase labor. PETG can be frozen to -40°C for freeze/thaw release protocols. Lot numbers are located on every bottle for full traceability.

Nunc PETG Roller Bottles are sterilized by gamma irradiation and meet 10⁻⁶ SAL (Sterility Assurance Level).

Every lot is cell culture performance tested and certified non-pyrogenic at a level of <0.5 EU/mL per USP <85>.



Cat. No.	Surface Type	Closure Type	Surface Area (cm ²)	Max nominal volume (mL)	Dimensions (mm) od x h	Pack/case
1060-05	Smooth	Solid	1050	2000	122 x 275	5/20
1060-20	Smooth	Solid	1050	2000	122 x 275	20/20
1060-85	Smooth	Vented	1050	2000	122 x 275	5/20
1860-22	Smooth	Solid	1800	5000	122 x 502	22/22
1760-20	Pleated	Solid	1700	2000	122 x 275	20/20
2160-05	Pleated	Solid	2100	2000	122 x 275	5/20
2160-20	Pleated	Solid	2100	2000	122 x 275	20/20
4260-22	Pleated	Solid	4200	5000	122 x 502	22/22

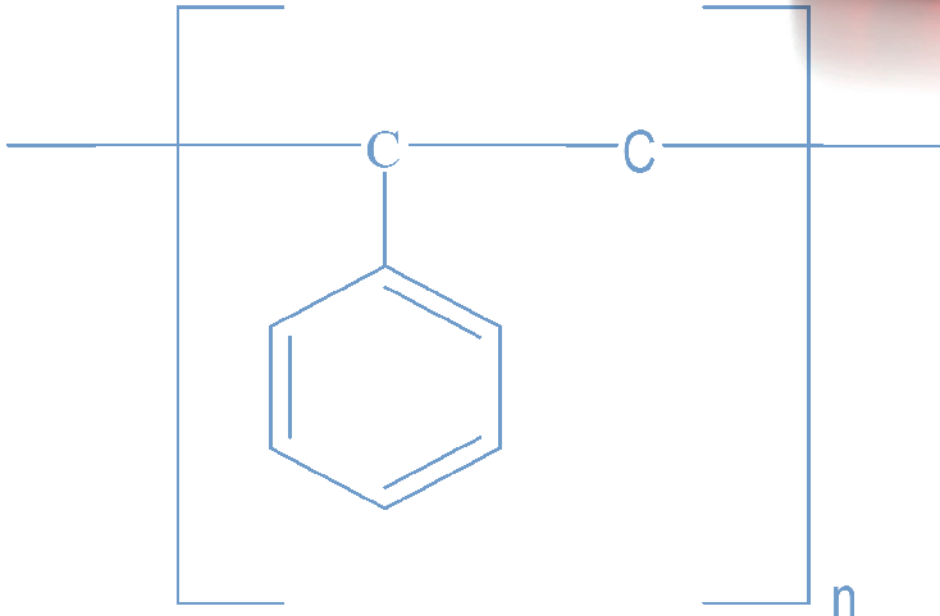
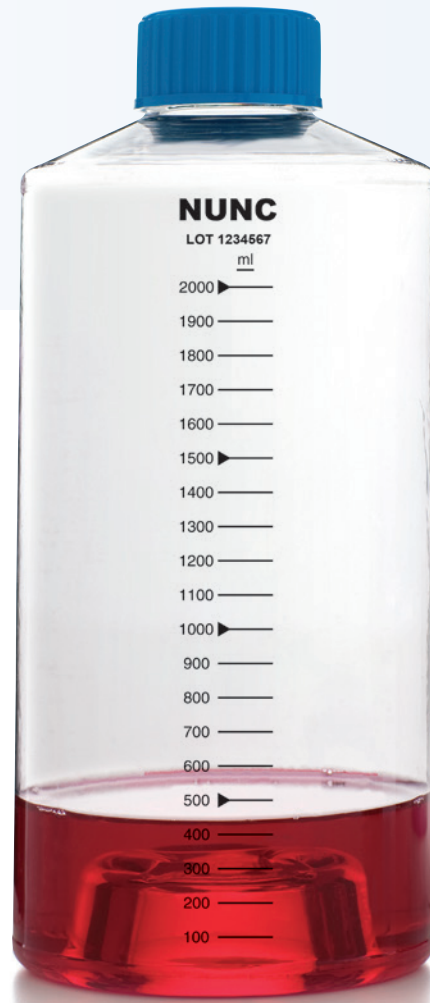
Thermo Scientific Nunc Polystyrene Roller Bottles

Minimize validation of cell culture scale-up processes from plates to flasks to roller bottles by choosing a family of products that utilize polystyrene materials.

Nunc Roller Bottles are available with a smooth surface with an industry standard growth area of 850 cm² or a pleated surface of 1450 cm² increasing the growth area by over 40%. The unique vertical pleats make emptying easier and with less product retention.

Nunc Roller Bottles are sterilized by gamma irradiation and meet 10⁻³ SAL (Sterility Assurance Level).

Every lot is cell culture performance tested and certified non-pyrogenic at a level of <0.1 EU/mL per USP <85>.



increasing the growth area by over 40% without taking up additional space.



Nunc PS Roller Bottles – Easy on/off closure system

Easy on/off closures are engineered to prevent mis-threading while providing a secure seal

Cat. No.	Surface Type	Closure Type	Surface Area (cm ²)	Max nominal volume (mL)	Dimensions (mm) od x h	Pack/case
181702	Smooth	Vented	850	2000	117 x 277	2/20
182702	Smooth	Solid	850	2000	117 x 277	2/20
182720	Smooth	Solid	850	2000	117 x 277	20/20
182744	Smooth	Solid	850	2000	117 x 277	20/20*
141744	Pleated	Vented	1450	2000	117 x 277	20/20*
142720	Pleated	Solid	1450	2000	117 x 277	20/20
142744	Pleated	Solid	1450	2000	117 x 277	20/20*

*Double Bagged

Replacement Easy on/off closures

Cat. No.	Closure Type	Material	Pack/case
111250	Easy on/off, vented	HDPE	250/500
112250	Easy on/off	HDPE	250/500

Nunc EZ PS Roller Bottles – Ergonomic design

Unique indentation in the bottom of EZ Roller Bottles facilitates both manual and automated handling

Catalog Number	Surface Type	Closure Type	Surface Area (cm ²)	Max nominal volume	Dimensions (mm) od x h	Base Indent	Pack/case
183302	Smooth	Vented	850	2000	117 x 277	Shallow	2/20
184302	Smooth	Solid	850	2000	117 x 277	Shallow	2/20
184344	Smooth	Solid	850	2000	117 x 277	Shallow	20/20*
183902	Smooth	Vented	850	2000	117 x 277	Deep	2/20
184902	Smooth	Solid	850	2000	117 x 277	Deep	2/20
184920	Smooth	Solid	850	2000	117 x 277	Deep	20/20
184944	Smooth	Solid	850	2000	117 x 277	Deep	20/20*

*Double Bagged

Scale up from bench top to large scale with ease roller racks for Thermo Scientific incubators



Thermo Scientific™ Bottle/Tube Roller

- Scale up with the addition of up to four rows of bottle-turning devices
- Independent speed control allows for different culture parameters for each row
- For use with standard length roller bottles

Roller bottle System for Thermo Scientific™ Heracell™ 240i incubators

- Adjustable speed accommodates a variety of applications
- Anti-corrosive and wear-resistant construction enables use in humid and CO₂ environments
- Stacking kit enables you to stack units two high, saving valuable bench space
- Optional remote control facilitates operating unit while in incubator



Cell Roll System for Thermo Scientific™ Forma™ 3960 Series Environmental Chambers

- Maximizes your results with uniform temperature control and the Cell Roll System
- Optimizes your capacity with the three tier cell roller base and optional four add-on tiers for a total of 35 standard length and 70 long length roller bottles
- Adjustable speed control provides precise speeds of 0.125 to 6.25 RPM with +/- accuracy
- For use with standard and long length roller bottles

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www.thermoscientific.com/rollerbottles

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