

# Thermo Scientific Nunc Low Profile 5.0mL Universal Tubes

High volume and solid sample storage in a low profile

Thermo Scientific™ Nunc™ Low Profile 5.0mL Externally-threaded Universal tubes provide a robust solution for solid or liquid sample storage. Available in configurations that meet your tracking and packaging requirements, the Low Profile 5.0mL Universal tube features 2D barcodes, graduations, a white patch for labeling, and a wide mouth design for easy addition and extraction of sample material. Its externally-threaded design minimizes contamination risk in manual handling procedures. The tubes and rack are rated for storage down to vapor phase liquid nitrogen temperatures.



**Flexible Tube Design.** The tube's wide mouth provides easy access using forceps for adding approximately three 1-mm sections of tissue, plant material, or other solid sample for storage. The overall tube height of less than 50mm and its U-bottom shape allows convenient access with standard length pipette tips when used for liquid storage.

Tubes are available with or without a 2D barcode. All tubes include, printed graduations, and white writable surface for manual sample identification. All tubes can be purchased in a universal style latch rack or bulk to meet your sample handling requirements.

**Innovative cap design.** The screwtop cap features single piece construction with an integrated polypropylene gasket which means it cannot be over-tightened by hand. The gasketed cap and tube are compatible with storage at room temperature through the vapor phase of liquid nitrogen. To further ensure sample security, tubes have been IATA certified to guarantee integrity and safety of specimens when using air transportation.

**Secure Tracking.** A permanently-bonded, unique 2D barcode is laser-etched onto the base of the tube to securely identify and track samples. A Thermo Scientific 2D barcode reader instantly decodes each tube's barcode, transferring tube information into your application or database, such as Thermo Scientific™ VisionTracker™ Software. Tubes also include a white writable space for sample information in addition to, or instead of using 2D barcodes.

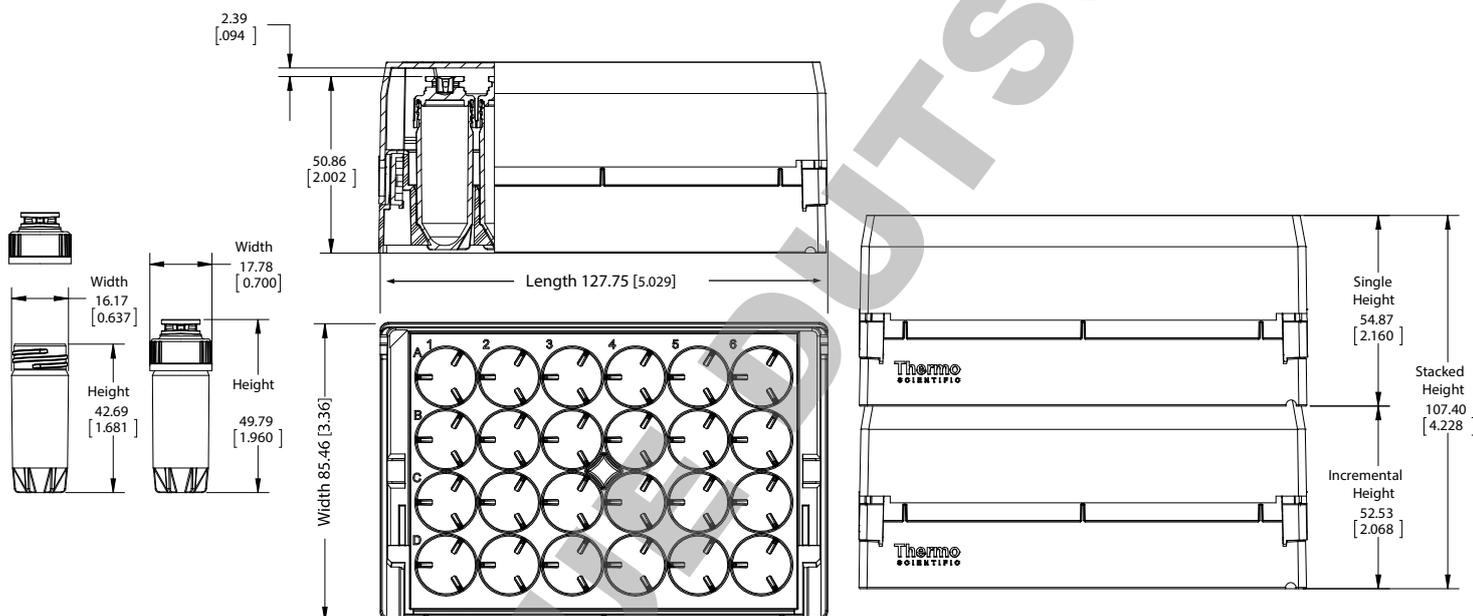
**Stringent Quality Control.** Every 2D-barcoded storage tube is scanned after manufacturing to ensure readability. All barcodes are checked against our database of previously assigned codes to prevent duplicates. Every tube is leak tested to ensure sample integrity and security.

**Knowledgeable Support.** Rely on our team for efficient support for both equipment and tubes. Consult with us to optimize your sample storage processes.

## Specifications

Tube Material	Virgin Class VI Medical Grade Polypropylene
Rack Material	Polycarbonate with polypropylene latches
Cap Material	Virgin Class VI Medical Grade HDPE with HDPE Gasket Material
Contaminant Free	All tubes and trays are supplied free from DNA, RNase, DNase, and endotoxins
Sterility	SAL 10 <sup>-6</sup>
Shippable	IATA certified
Autoclavable	Racked and unracked tubes are autoclavable with the caps loosened
2D Code	Non-proprietary, 12x12 Data-matrix with "NA" code Prefix ECC200 Built-in Error Correction
Tube/Cap Temperature Range	-180°C to 121°C; Autoclaving and boiling to vapor phase liquid nitrogen storage

For Research Use Only



Cat. No.	Description	Tubes per Rack or Pack/Case
374320	Thermo Scientific Nunc 5.0mL Low Profile Externally-threaded Universal Tubes, 2D barcode, White Patch, Graduations, Sterile	10 racks of 24 tubes/case
374321	Thermo Scientific Nunc 5.0mL Low Profile Externally-threaded Universal Tubes, no barcode, White Patch, Graduations, Sterile	10 racks of 24 tubes/case
374322	Thermo Scientific Nunc 5.0mL Low Profile Externally-threaded Universal Tubes, 2D barcode, White Patch, Graduations, Sterile	1 bag of 240 tubes/case
374323	Thermo Scientific Nunc 5.0mL Low Profile Externally-threaded Universal Tubes, no barcode, White Patch, Graduations, Sterile	1 bag of 240 tubes/case
331840	Thermo Scientific Nunc 5.0mL Low Profile Externally-threaded Universal Tube Rack and Lid	10 racks/case

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China Toll-free: 800-810-5118  
or 400-650-5118  
India: +91 22 6716 2200  
India Toll-free: 1 800 22 8374  
Japan: +81-3-5826-1616  
Other Asian countries: 65 68729717  
Austria: +43 1 801 40 0  
Belgium: +32 2 482 30 30  
Denmark: +45 4631 2000

France: +33 2 2803 2180  
Germany: +49 6184 90 6940  
Germany Toll-free: 08001-536 376  
Italy: +39 02 95059 552  
or 434-254-375  
Netherlands: +31 76 571 4440  
Nordic/Baltic countries: +358 9 329 10200  
Russia/CIS: +7 (812) 703 42 15  
Spain/Portugal: +34 93 223 09 18

Switzerland: +41 44 454 12 12  
UK/Ireland: +44 870 609 9203  
USA/Canada: +1 585 586 8800  
USA Toll-free: 800 625 4327  
USA sales support: +1 585 899 7198  
Countries not listed: +49 6184 90 6940  
or +33 2 2803 2000

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