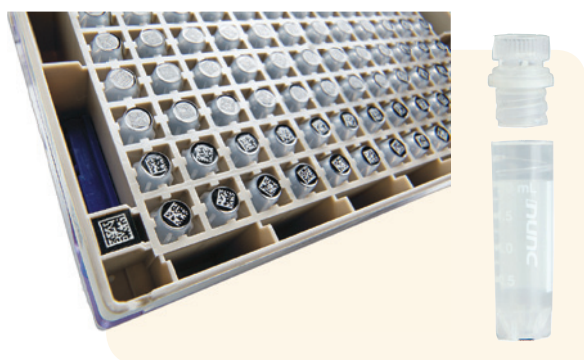


Thermo Scientific Nunc 2.0mL Tubes in Coded Racks

Maximum traceability enabling the transition to automation

Thermo Scientific™ Nunc™ Internally threaded 2.0mL Universal System Tubes in barcoded, ANSI latch racks are ideal for cryostorage of high-value samples (e.g. primary and stem cells, siRNA libraries, therapeutic antibodies, etc.). Valuable materials require storage solutions proven to maintain sample integrity during worst-case storage conditions, and the integrated gasket cap of Universal System tubes ensures superior protection from liquid nitrogen infiltration and cross-contamination. Furthermore, sample identity is never lost with permanently attached 2D tube and laser-etched rack barcodes that enable precise tracking, essential for downstream success. The Universal System tube and latch rack combination offers the best features of the Thermo Scientific storage portfolio – universal cap, universal latch rack, and free-standing tube design – and have been designed to work seamlessly together in the sample storage ecosystem.



Cryostorage Applications

Cell cultures

Biological fluids

Nucleic acids

Protein and protein extracts

Chemical compounds



Key Features

Benefits

Automation friendly system

- ANSI standard rack for automated handling
- Integrated 2D barcode on rack bottom for orientation by laboratory automation
- Starfoot design locks tube from rotating in rack during capping/decapping

Permanently bonded laser-etched rack and tube barcodes

- No barcode duplication guaranteed
- Secure tracking of individual tubes and entire rack
- Permanent barcode withstands the harshest conditions and remains associated with sample

Single piece cap with molded-in thermoplastic elastomer gasket

- Cannot be overtightened
- Compatible with storage at room temperature down to the vapor phase of liquid nitrogen

Graduations and a white patch

- Added peace of mind with manual marking for human readable sample tracking

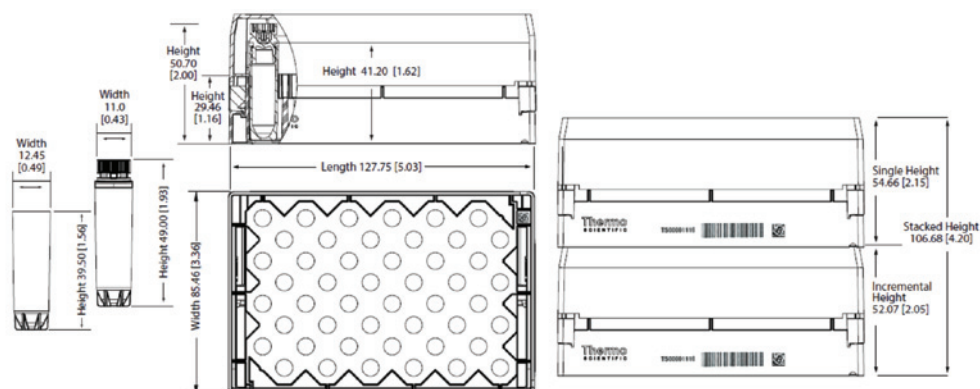
Thermo Fisher Scientific design, manufacturing, quality control and service

- Four decades of experience make Thermo Fisher Scientific the most trusted name in cryogenic storage

Specifications

Tube Material	Virgin Class VI Medical-Grade Polypropylene
Rack Material	Polycarbonate with polypropylene latches
Cap Material	Virgin Class VI Medical-Grade Polypropylene with Thermoplastic Elastomer Gasket Material
Contaminant Free	All tubes and trays are supplied free from DNA, RNase, DNase, and endotoxins
Sterility	SAL of 10 ⁻⁶
Shippable	IATA certified
2D Code Choices	Non-proprietary, 12x12 Data-matrix with ECC200 Built-in Error Correction
Tube/Cap Temperature Range	-180°C to 60°C
Torque Requirements*	Maximum 0.12 Nm, Minimum 0.075

*Note this is "on" torque required for placing caps on tubes for optimal sealing and sample integrity protection. All Thermo Scientific decapping equipment suited for use with applicable tubes ensures the proper torque is applied when equipment is within the limits of the preventative maintenance schedules; consult applicable manuals for details on tube compatibility and preventative maintenance recommendations.



Ordering information

Thermo Scientific Nunc 2.0mL Universal Tubes with Barcoded Racks Purchasing Information

Cat. No.	Description	Barcoding	Marking	Tubes per Rack or Pack/Case
374510	Internal Thread Universal Tube in Universal Latch Rack	2D on tube bottom	White patch and Graduations	48/480
374510-BR	Internal Thread Universal Tube in barcoded Universal Latch Rack	2D on tube bottom, Barcoded rack	White patch and Graduations	48/480
374511	Internal Thread Universal Tube in Universal Latch Rack	None	White patch and Graduations	48/480
374511-BR	Internal Thread Universal Tube in barcoded Universal Latch Rack	No barcode on tube, Barcoded rack	White patch and Graduations	48/480
374512	Internal Thread Universal Tube, Bulk	2D on tube bottom	White patch and Graduations	480
374513	Internal Thread Universal Tube, Bulk	None	White patch and Graduations	480
331835	Universal Latch Rack for Nunc 2.0 mL Universal Tube	—	—	10 empty racks
331835-BR	Universal Latch Rack for Nunc 2.0 mL Universal Tube	Barcoded Rack	—	10 empty racks

Associated Sample Storage Workflow Purchasing Information

Cat. No.	Description
3125	Thermo Scientific™ VisionMate™ Single Tube Barcode Reader
3115-11	VisionMate Single Rack Barcode Reader
312800	VisionMate High Speed Barcode Reader
3122-V2	VisionMate Wireless Barcode Reader
4105NUN	8-Channel Handheld Screw Cap Capper/Decapper with stand for Nunc-style Tubes
4114NUN	Thermo Scientific™ Capit-All™ Screw Cap Tube Capper/Decapper (48-channel)
4114NUN-IS	Capit-All Screw Cap Tube Automation Friendly Capper/Decapper (48-channel)

For Certificates of Analysis, please visit <https://www.thermofisher.com/search/supportSearch>

Find out more at [thermofisher.com/samplestorage](https://www.thermofisher.com/samplestorage)

ThermoFisher
SCIENTIFIC