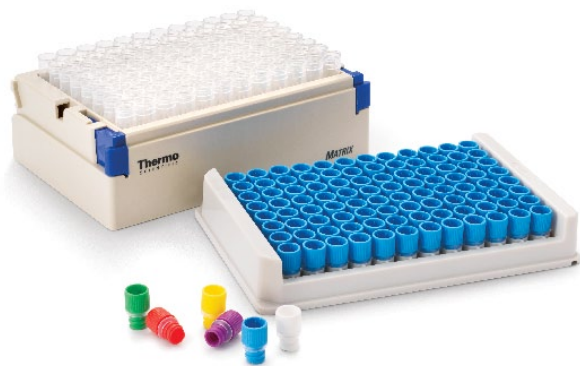
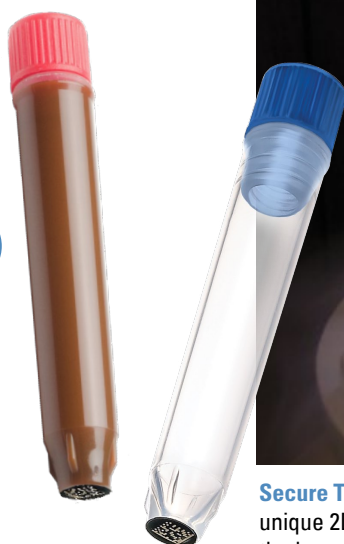


## Thermo Scientific Matrix 2D Barcoded ScrewTop Storage Tubes

Thermo Scientific Matrix 2D Barcoded ScrewTop Storage Tubes are the perfect solution for sample storage in virtually any laboratory condition, including the vapor phase of liquid nitrogen. Permanent 2D barcodes enable safe, secure tracking of all precious samples while Thermo Scientific 2D barcode readers allow simple integration into an existing database or tracking system.

New! Now available in amber for light sensitive sample storage



**Secure Tracking.** A permanently-bonded, unique 2D barcode is laser-etched onto the base of every Thermo Scientific Matrix 2D Barcoded ScrewTop Storage Tube to securely identify and track samples. A Thermo Scientific 2D barcode reader instantly decodes each tube's 2D barcode, scans the tube into any application or database, or integrates via several export options. Once sample data is stored, just scan the tube to access sample information and identify the contents.

**Material Options.** Matrix 2D Barcoded ScrewTop storage tubes are also available in light-blocking amber. All the same properties as standard tubes, with added protection for your light-sensitive samples.

**Superior Storage Format.** Matrix® 2D Barcoded ScrewTop® storage tubes are available in specially-designed, stackable, microplate-footprint Latch Racks to save precious space in storage and on the bench top. The Latch Rack design enables multichannel pipette access. When open, the

lid never touches the bench top to prevent contamination.

**Flexibility.** The Thermo Scientific Matrix ScrewTop Removal Tool decaps/decaps tubes individually to enable one-handed pipetting. The Thermo Scientific ScrewTop Cap Tray can be used to cap/decap several tubes at once with automated capping systems or to fill tubes on an automated liquid handling platform, then cap an entire rack at once.

**Stringent Quality Control.** Every 2D barcoded storage tube is scanned 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.** Our team has a strong reputation for supporting both equipment and consumables. Consult with us for recommendations to optimize sample storage processes.

**Thermo**  
SCIENTIFIC

Part of Thermo Fisher Scientific

## Thermo Scientific Matrix 2D Barcoded ScrewTop Storage Tubes

Tube Material	Virgin Class VI Medical Grade Polypropylene
Rack Material	Polycarbonate with polypropylene latches
Cap Material	Virgin Class VI Medical Grade Polypropylene with Virgin Class VI Medical Grade Silicone O-ring
ScrewTop Cap Tray Material	Acrylonitrile Butadiene Styrene (ABS)
Contaminant-free	All tubes and trays are supplied free from DNA, RNase, DNase, endotoxins and cytotoxins
Autoclavable	Racked and unracked tubes are autoclavable with the caps loosened; ScrewTop cap trays are not autoclavable
2D Code Choices	Non-proprietary, 12x12 Data-matrix with ECC200 Built-in Error Correction
Tube/Cap Temp Range	-180 °C to 121 °C; Autoclaving and boiling to vapor phase liquid nitrogen storage

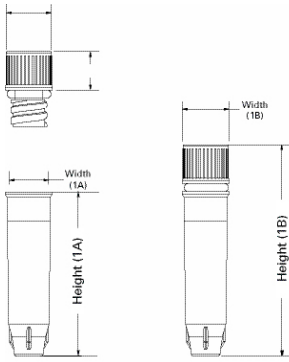
### Dimensions

Description		500 µl ScrewTop Storage Tubes	1.0 ml ScrewTop Storage Tubes
<b>Item No</b>		3743, 3744, 3745, 3743AMB, 3745AMB	3740, 3741, 3742, 3741AMB, 3742AMB
<b>Figure 1A: Tube Side View</b>	Width (1A)	7.40±0.10 [0.290±0.002]	7.40±0.10 [0.290±0.002]
	Height (1A)	30.60±0.20 [1.204±0.007]	44.00±0.10 [1.732±0.003]
<b>Figure 1B: Tube Side View w/ ScrewTop</b>	Width (1B)	8.70±0.10 [0.344±0.003]	8.70±0.10 [0.344±0.003]
	Height (1B)	39.20 [1.543]	52.60 [2.071]
<b>Figure 2: Rack Side View</b>	Height (2A)	29.50±0.10 [1.160±0.005]	38.10±0.10 [1.500±0.005]
	Height (2B)	29.10±0.10 [1.145±0.005]	42.50±0.20 [1.673±0.008]
	Height (2C)	32.60±0.30 [1.282±0.012]	46.00±0.20 [1.809±0.008]
	Height (2D)	41.30±0.40 [1.626±0.017]	54.60±0.30 [2.149±0.110]
<b>Figure 3: Rack Top View</b>	Length	127.75±0.13 [5.029±0.005]	127.75±0.13 [5.029±0.005]
	Width	85.46±0.13 [3.364±0.005]	85.46±0.13 [3.364±0.005]
<b>Figure 4: Stacked Rack View</b>	Single Height (4A)	44.32±0.25 [1.745±0.010]	58.42±0.25 [2.300±0.010]
	Incremental Height (4B)	43.31±0.25 [1.705±0.010]	57.30±0.25 [2.220±0.010]
	Stacked Height (4C)	87.63±0.51 [3.450±0.020]	114.81±0.51 [4.520±0.020]

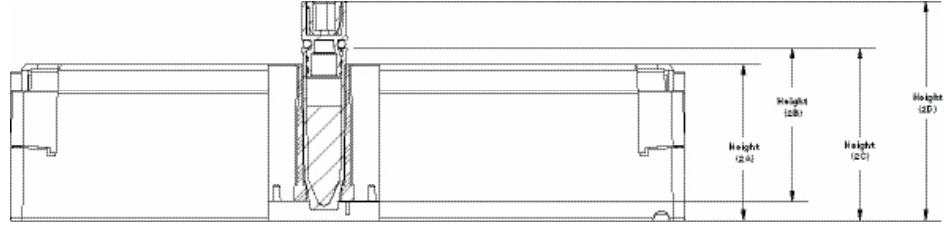
Description		ScrewTop Cap Tray
<b>Item No.</b>		4906, 4477
<b>Figure 1: Tray Top View</b>	Length	127.75±0.25 [5.03±0.010]
	Width	85.580.25± [3.37±0.010]
<b>Figure 2: Stacked Tray View</b>	Single Height (2A)	19.81±0.13 [0.78±0.005]
	Incremental Height (2B)	18.29±0.25 [0.72±0.010]
	Stacked Height (2C)	38.10±0.25 [1.50±0.010]



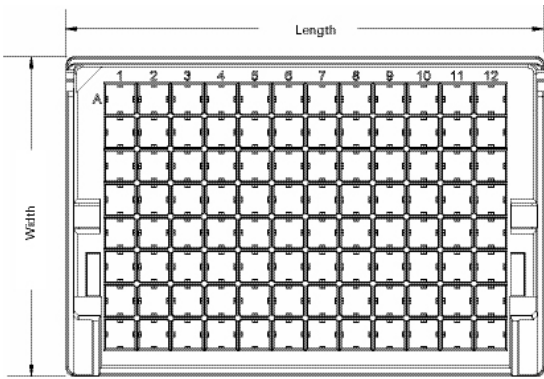
Available in seven colors (including colorless) so you can customize your experiments



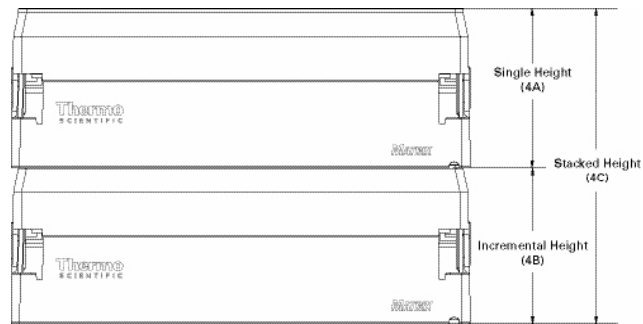
▲ Figure 1: Tube Side View



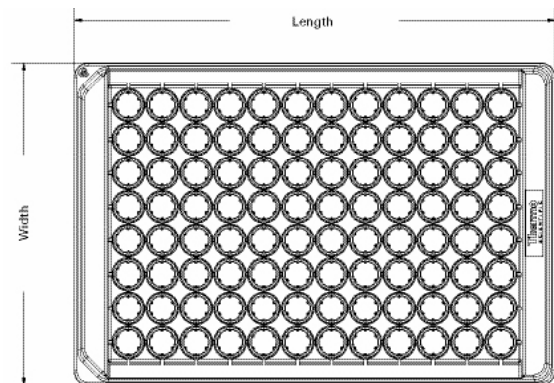
▲ Figure 2: Rack Side View



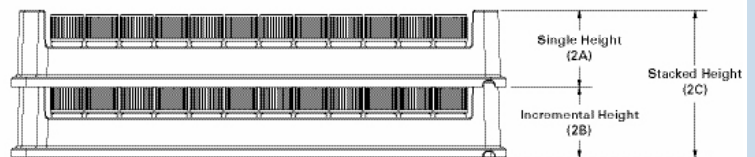
▲ Figure 3: Rack Top View



▲ Figure 4: Stacked Rack View



▲ Figure 1: Tray Top View



▲ Figure 2: Stacked Tray View

**See back side for an ordering guide**

## Ordering Guide

Cat. No.	Description	Tube Color	Cap Color	Qty
4470	Caps, ScrewTop Tube	Colorless	Colorless	500/case
4470RED	Caps, ScrewTop Tube	Colorless	Red	500/case
4470YEL	Caps, ScrewTop Tube	Colorless	Yellow	500/case
4470BLUE	Caps, ScrewTop Tube	Colorless	Blue	500/case
4470GRE	Caps, ScrewTop Tube	Colorless	Green	500/case
4470WHI	Caps, ScrewTop Tube	Colorless	White	500/case
4470PUR	Caps, ScrewTop Tube	Colorless	Purple	500/case
4906	Tray, ScrewTop Cap Tray, Empty	Colorless		5 trays/case
4477	Tray, ScrewTop Cap Tray	Colorless	Colorless	5 trays of 96 caps/case
4477RED	Tray, ScrewTop Cap Tray	Colorless	Red	5 trays of 96 caps/case
4477YEL	Tray, ScrewTop Cap Tray	Colorless	Yellow	5 trays of 96 caps/case
4477BLU	Tray, ScrewTop Cap Tray	Colorless	Blue	5 trays of 96 caps/case
4477GRE	Tray, ScrewTop Cap Tray	Colorless	Green	5 trays of 96 caps/case
4477WHI	Tray, ScrewTop Cap Tray	Colorless	White	5 trays of 96 caps/case
4477PUR	Tray, ScrewTop Cap Tray	Colorless	Purple	5 trays of 96 caps/case
3740	Tube, ScrewTop, 1.0 mL 2D, V-Bottom	Colorless	Colorless	Bulk, 480/case
3740RED	Tube, ScrewTop, 1.0 mL 2D, V-Bottom	Colorless	Red	Bulk, 480/case
3740YEL	Tube, ScrewTop, 1.0 mL 2D, V-Bottom	Colorless	Yellow	Bulk, 480/case
3740BLU	Tube, ScrewTop, 1.0 mL 2D, V-Bottom	Colorless	Blue	Bulk, 480/case
3740GRE	Tube, ScrewTop, 1.0 mL 2D, V-Bottom	Colorless	Green	Bulk, 480/case
3740WHI	Tube, ScrewTop, 1.0 mL 2D, V-Bottom	Colorless	White	Bulk, 480/case
3740PUR	Tube, ScrewTop, 1.0 mL 2D, V-Bottom	Colorless	Purple	Bulk, 480/case
3741	Tube, ScrewTop, 1.0 mL 2D, V-Bottom	Colorless	Colorless	5 racks of 96/case
3741RED	Tube, ScrewTop, 1.0 mL 2D, V-Bottom	Colorless	Red	5 racks of 96/case
3741YEL	Tube, ScrewTop, 1.0 mL 2D, V-Bottom	Colorless	Yellow	5 racks of 96/case
3741BLU	Tube, ScrewTop, 1.0 mL 2D, V-Bottom	Colorless	Blue	5 racks of 96/case
3741GRE	Tube, ScrewTop, 1.0 mL 2D, V-Bottom	Colorless	Green	5 racks of 96/case
3741WHI	Tube, ScrewTop, 1.0 mL 2D, V-Bottom	Colorless	White	5 racks of 96/case
3741PUR	Tube, ScrewTop, 1.0 mL 2D, V-Bottom	Colorless	Purple	5 racks of 96/case
3742	Tube, ScrewTop, 1.0 mL 2D, V-Bottom	Colorless	No Caps	5 racks of 96/case
3743	Tube, ScrewTop, 500 µl 2D, V-Bottom	Colorless	Colorless	Bulk, 480/case
3743RED	Tube, ScrewTop, 500 µl 2D, V-Bottom	Colorless	Red	Bulk, 480/case
3743YEL	Tube, ScrewTop, 500 µl 2D, V-Bottom	Colorless	Yellow	Bulk, 480/case
3743BLU	Tube, ScrewTop, 500 µl 2D, V-Bottom	Colorless	Blue	Bulk, 480/case
3743GRE	Tube, ScrewTop, 500 µl 2D, V-Bottom	Colorless	Green	Bulk, 480/case
3743WHI	Tube, ScrewTop, 500 µl 2D, V-Bottom	Colorless	White	Bulk, 480/case
3743PUR	Tube, ScrewTop, 500 µl 2D, V-Bottom	Colorless	Purple	Bulk, 480/case
3744	Tube, ScrewTop, 500 µl 2D, V-Bottom	Colorless	Colorless	5 racks of 96/case
3744RED	Tube, ScrewTop, 500 µl 2D, V-Bottom	Colorless	Red	5 racks of 96/case
3744YEL	Tube, ScrewTop, 500 µl 2D, V-Bottom	Colorless	Yellow	5 racks of 96/case
3744BLU	Tube, ScrewTop, 500 µl 2D, V-Bottom	Colorless	Blue	5 racks of 96/case
3744GRE	Tube, ScrewTop, 500 µl 2D, V-Bottom	Colorless	Green	5 racks of 96/case
3744WHI	Tube, ScrewTop, 500 µl 2D, V-Bottom	Colorless	White	5 racks of 96/case
3744PUR	Tube, ScrewTop, 500 µl 2D, V-Bottom	Colorless	Purple	5 racks of 96/case
3745	Tube, ScrewTop, 500uL 2D, V-Bottom	Colorless	No Caps	5 racks of 96/case
3742AMB	Tube, ScrewTop, 1.0ml 2D, V-Bottom	Amber	No Caps	5 racks of 96/case
3745AMB	Tube, ScrewTop, 500 µl 2D, V-Bottom	Amber	No Caps	5 racks of 96/case
3741AMB	Tube, ScrewTop, 1.0ml 2D, V-Bottom	Amber	Red Caps	5 racks of 96/case
3743AMB	Tube, ScrewTop, 500 µl 2D, V-Bottom	Amber	Red Caps	5 racks of 96/case

### All Tubes, Caps and Trays are shipped sterile

© 2011 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific Inc. and its subsidiaries.

North America: Tel: 800.345.0206 | email: [matrix.info@thermofisher.com](mailto:matrix.info@thermofisher.com)

Europe: Tel: +49 (0) 6184 906 000 | email: [matrix.eu.info@thermofisher.com](mailto:matrix.eu.info@thermofisher.com)

Asia: email: [matrix.ap.info@thermofisher.com](mailto:matrix.ap.info@thermofisher.com)

[www.thermoscientific.com](http://www.thermoscientific.com)

**Thermo**  
SCIENTIFIC  
Part of Thermo Fisher Scientific