

## Thermo Scientific Matrix® Blank and Alphanumeric Storage Tubes

Thermo Scientific Matrix Blank and Alphanumeric Storage Tubes enable secure sample storage, while allowing individual access, sealing and retrieval of samples. Storage tubes can be picked and placed for reformatting of sample selections and eliminate the need to thaw an entire microplate for only a few desired samples.



**Highest Quality.** All tubes are manufactured from 100% virgin, medical-grade polypropylene and every storage tube is leak tested to ensure the integrity and security of samples.

**Superior Storage Rack Design.** Unlike traditional storage tubes or blocks, Thermo Scientific Matrix blank and alphanumeric storage tubes are available in our specially-designed, stackable, microplate-footprint Latch Racks of 96 tubes for individual sample access and removal. The Latch Rack design enables multichannel pipette access and eliminates contamination risk with a lid that never touches the bench top when open. The Latch Rack is also compatible with automated liquid handling, as the lid can be lifted robotically for high-throughput applications.

**Clear Designations.** Matrix alphanumeric storage tubes are clearly marked with high contrast printing on the base of each tube, designating their appropriate well location within a rack, for easy identification.

**Capping Options.** Several sealing options are available, including the Thermo Scientific Matrix line of CapMats and CapStrips for sealing multiple tubes and the Thermo Scientific Matrix SepraSeal® and DuraSeal® capping systems for individual tube sealing, access and piercing. Applied with the Thermo Scientific SuperSealer, sealing is secure and consistent every time.

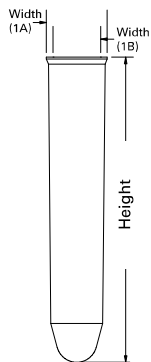
**Knowledgeable Support.** Our team has a strong reputation for supporting both equipment and consumables, and can demonstrate innovative ways to store samples in your laboratory using our Matrix blank and alphanumeric storage tubes.

## Thermo Scientific Matrix Blank and Alphanumeric Storage Tubes

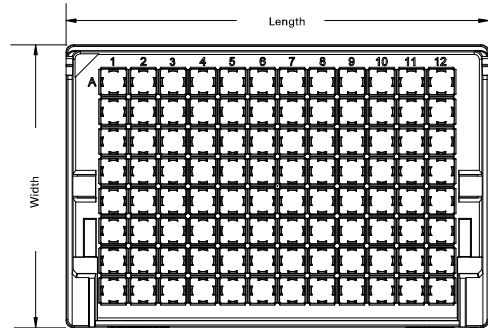
Tube Material	Polypropylene
Rack Material	Polypropylene
Tube Markings	Frosted areas for writing 0.5 ml and 0.7 ml designations for 0.75 ml tubes 0.5 ml and 1.0 ml designations for 1.4 ml tubes Well placement, A1 through H12 (Alphanumeric tube bases only)

### Dimensions

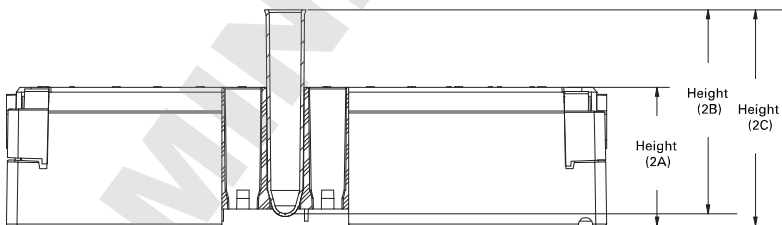
Description		0.75 ml Storage Tubes	1.4 ml Storage Tubes
<b>Item No</b>		4271, 4272, 4273, 4274, 4896	4247, 4248, 4249, 4250, 4251, 4252, 4253, 4254, 4890
<b>Figure 1: Tube Side View</b>	Width (1A)	8.74 ± 0.08 [0.344 ± 0.003]	8.74 ± 0.08 [0.344 ± 0.003]
	Width (1B)	6.83 ± 0.03 [0.269 ± 0.001]	6.83 ± 0.05 [0.269 ± 0.002]
	Height	33.60 ± 0.13 [1.323 ± 0.005]	43.99 ± 0.08 [1.732 ± 0.003]
<b>Figure 2: Rack Side View</b>	Height (2A)	29.46 ± 0.13 [1.160 ± 0.005]	29.46 ± 0.13 [1.160 ± 0.005]
	Height (2B)	32.92 ± 0.08 [1.296 ± 0.003]	43.33 ± 0.08 [1.706 ± 0.003]
	Height (2C)	35.56 ± 0.25 [1.400 ± 0.010]	45.95 ± 0.20 [1.809 ± 0.008]
<b>Figure 3: Rack Top View</b>	Length	127.76 ± 0.13 [5.030 ± 0.005]	127.76 ± 0.13 [5.030 ± 0.005]
	Width	85.47 ± 0.13 [3.365 ± 0.005]	85.47 ± 0.13 [3.365 ± 0.005]
<b>Figure 4: Stacked Rack View</b>	Single Height (4A)	39.37 ± 0.25 [1.550 ± 0.100]	49.84 ± 0.25 [1.962 ± 0.100]
	Incremental Height (4B)	38.36 ± 0.25 [1.510 ± 0.100]	48.82 ± 0.25 [1.922 ± 0.100]
	Stacked Height (4C)	98.65 ± 0.51 [3.884 ± 0.200]	98.65 ± 0.51 [3.884 ± 0.200]



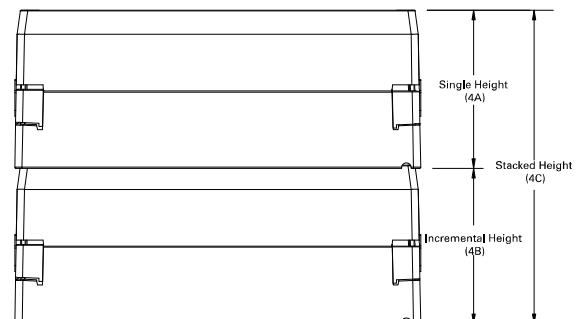
▲ Figure 1: Tube Side View



▲ Figure 3: Rack Top View



▲ Figure 2: Rack Side View



▲ Figure 4: Stacked Rack View