

FluidX 96-Format, 0.7ml Internal Thread, Next-Gen Dual-Coded Tube

- Supplied in 96-well format SBS racks, or un-racked compatible with 14x14 cryo storage racks
- Securely sealed using standard automation-friendly screw caps providing flexibility to use tubes across a range of industry-recognized automated tube handling platforms



0.7ml automation friendly screw cap



0.7ml Internal Thread Next-Gen Dual-Coded Tube with Screw Cap

Max Working Volume (ml)	0.73
Tube Height (mm)	36.2
Tube Height with Cap (mm)	44.5
Inner Diameter (mm)	6.8
Outer Diameter with Cap (mm)	8.6
Center to Center (mm)	9
Minimum Temperature (°C)	-196
Tube Height in Rack (mm)	46.4
Overall Rack Height inc. lid (mm)	50.8

Ordering Information

66-62318	FluidX 96-format, 0.7ml Internal Thread, Next-Gen Dual-coded Tube , 2D-code and Human Readable Number on base, uncapped, bulk, 960 tubes per case
66-62318-Y6	FluidX 96-format, 0.7ml Internal Thread, Next-Gen Dual-coded Tube , 2D-code and Human Readable Number on base, capped, bulk, 960 tubes per case
66-62317	FluidX 96-format, 0.7ml Internal Thread, Next-Gen Dual-coded Tube , 2D-code and Human Readable Number on base, uncapped, 10 racks per case HighBase Rack, Lid suitable for TPE Caps only. Empty rack part number: 66-61001
66-62317-L	FluidX 96-format, 0.7ml Internal Thread, Next-Gen Dual-coded Tube , 2D-code and Human Readable Number on base, uncapped, 10 racks per case HighBase Rack, with TubeLock, Lid suitable for TPE Caps only. Empty rack part number: 66-51000
66-62319	FluidX 96-format, 0.7ml Internal Thread, Next-Gen Dual-coded Tube , 2D-code and Human Readable Number on base, uncapped, 10 racks per case. HighBase Rack. Empty rack part number: 66-61002
66-62319-L	FluidX 96-format, 0.7ml Internal Thread, Next-Gen Dual-coded Tube , 2D-code and Human Readable Number on base, uncapped, 10 racks per case. HighBase Rack, with TubeLock. Empty rack part number: 66-51016
66-62319-Y6	FluidX 96-format, 0.7ml Internal Thread, Next-Gen Dual-coded Tube , 2D-code and Human Readable Number on base, capped, 10 racks per case. HighBase Rack. Empty rack part number: 66-61002
66-62319-Y6-L	FluidX 96-format, 0.7ml Internal Thread, Next-Gen Dual-coded Tube , 2D-code and Human Readable Number on base, capped, 10 racks per case. HighBase Rack, with TubeLock. Empty rack part number: 66-51016

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Introduction to FluidX 96-Format Next-Gen Dual-Coded Tubes

OVERVIEW

The FluidX Next-Gen Dual-Coded Tube features a 2D-code and Human Readable Number (HRN) on the tube base, allowing compatibility with low throughput manual workflows, semi-automated workflows or fully automated workflows on integrated platforms.

The tubes provide a lifelong and secure chain of custody for samples in biobanks, compound libraries and a broad range of biological and chemical stores, including cryogenic storage.

Designed and developed with broad compatibility in mind, the tubes perform without compromise in conjunction with automated barcode reading, capping and sample management systems from FluidX and all other industry-recognized manufacturers.

KEY FEATURES

- ✔ Permanently laser etched, 2D-code and a Human Readable Number (HRN) on the tube base
- ✔ Developed to exceed the demands of sample security, management and tracking in modern high-density storage
- ✔ 100% Quality Control, each tube is tested to ensure both readability and uniqueness
- ✔ Manufactured using an advanced manufacturing process which results in a one-piece tube from high-quality virgin polypropylene
- ✔ 2D-code and HRN ensure a permanent link between sample and data
- ✔ High-contrast 2D-codes are more reliably readable in frost or condensation conditions
- ✔ 2D-codes can be scanned and decoded without removing tubes from storage racks, enabling data to be associated with individual tubes
- ✔ Equally suitable for sealing with either screw caps or TPE septum caps
- ✔ FluidX tubes have been leak tested to ensure sample security
- ✔ Suitable for cryogenic storage
- ✔ Manufactured from high-quality virgin polypropylene, supplied production sterile

Screw Caps

- ✔ Automation friendly co-molded screw caps for internal thread tubes eliminate the possibility of over tightening
- ✔ Co-molded caps eliminate the failures in caps using a silicone O-ring
- ✔ A double-start thread engages in a maximum rotation of 180°, thereby facilitating automation



Dual-Coded tube internal thread

96-Well Format SBS Racks

- ✔ TwistLock: prevents tubes rotating within the rack to enable automated capping and decapping of screw caps, provided as standard
- ✔ LidLock: racks fitted with a LidLock latch are designed to withstand a 1m drop test for added sample security
- ✔ TubeLock: tubes can be locked in position in a rack, even without a lid, preventing them from falling out even if the rack is inverted. Lock or unlock simply by pushing tube downwards or upwards
- ✔ Automatic Rack Orientation: racks are supplied with a unique 2D barcode identifier which can be read at the same time as the tube 2D barcode, to provide automatic rack orientation and more secure sample tracking
- ✔ Direct Laser Etching: linear barcodes are permanently etched directly onto the rack

14 x 14 Cryo Storage Racks

- ✔ 136.2mm x 136.2mm polycarbonate cryobox rack option available for cryogenic sample storage
- ✔ Holds 196 tubes in 14 x 14 array
- ✔ Open bottom for 2D barcode decoding on FluidX Perception LF reader
- ✔ Cryo racks can be supplied with a unique 2D barcode identifier which can be read at the same time as the tube 2D barcode, to provide more secure sample tracking

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