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Dual-Coded Tubes, Internal Thread

0.3ml Dual-coded Tube, 96-format, Internal Thread



66-62326-Y6 | 0.3ml Dual-coded Tube, 96-format, Internal Thread, Capped

Azenta Life Sciences dual-coded tubes feature a 2D code and human readable number on tube base, allowing compatibility with low throughput manual, semi-automated or fully automated workflows on integrated platforms

- Next Generation manufacturing techniques
- Code readable without removing tubes from racks
- Suitable for cryogenic storage
- Made from high-quality virgin PP
- Available in 96-well format SBS racks or bulk
- Sealable with TPE/auto friendly screw caps

Overview

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 Azenta Life Sciences and all other industry-recognized manufacturers. Provides 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.

Developed to exceed the demands of sample security, management and tracking in modern high density storage applications. Each tube features a permanently laser etched 2D code and human readable number on tube base, allowing compatibility with low throughput manual, semi-automated or fully automated workflows on integrated platforms.

Key Features

- **Secure Sample Storage & Tracking**

- Permanently laser etched 2D code on base and human readable number on the base, ensuring a permanent link between sample and data
- 2D codes readable without removing tubes from racks
- High contrast 2D codes are more reliably readable in frost or condensation conditions
- 100% quality control, each tube is tested to ensure both readability and uniqueness
- Leak tested to ensure sample security
- Suitable for sealing with screw caps or TPE septum caps
- Suitable for cryogenic storage*

**Not for use in liquid phase nitrogen*

- **Capping Options**

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
- Double start thread engages in a maximum rotation of 180°, facilitating automation

TPE septum caps

- A cost effective sealing option for samples that are only accessed occasionally
- Septum caps are supplied in 96-format back mats to facilitate automation

- **Racking Options**

96 format SBS racks

- TwistLock: prevents tubes rotating within the rack to enable automated capping and de-capping of screw caps; provided as standard with the option available to remove
- TubeLock: prevents tubes from falling out, even in lidless racks; useful in manual workflows; activate by applying pressure on the tube top, clicking it into place; tubes can be ordered pre-locked or non-locked
- LidLock: enables racks to withstand a 1m drop test for added sample security
- Automatic rack orientation: a unique 2D code rack identifier readable at the same time as the tube 2D code; for automatic rack orientation and secure sample tracking
- Direct laser etching: a cutout window on the rack sides allow the linear barcode to be read more easily; linear barcodes can be laser etched directly onto racks

Cryo racks

- 136.2mm x 136.2mm PC cryobox rack option available for cryogenic sample storage, holding 196 tubes in 14x14 array
- Open bottom for 2D code decoding on Azenta Life Sciences Camera-Based Full Rack Barcode Readers
- Can be supplied with a unique 2D code identifier which can be read at the same time as the tube 2D code, for more secure sample tracking

Specifications

Parameter	0.3ml Dual-coded Tube, 96-format, Internal Thread (with auto friendly screw cap)
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Max. working volume	0.33ml
Tube height	21.0mm
Tube height with cap	29.3mm
Inner diameter	6.8mm
Outer diameter with cap	8.7Xmm
Center to center	9.0mm
Minimum temperature	-196°C
Tube height in rack	29.5mm
Overall rack height (including lid)	33.1mm

Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
0.3ml Dual-coded Tube, 96-format, Internal Thread 2D code and human readable number on base	
66-62325	uncapped, racked (66-51004); 10 racks/960 tubes
66-62325-1	uncapped, racked (66-51003); 10 racks/960 tubes
66-62325-L	uncapped, racked (66-51014); 10 racks/960 tubes
66-62325-Y6	capped, racked (66-51004); 10 racks/960 tubes
66-62325-Y6-L	capped, racked (66-51014); 10 racks/960 tubes
66-62326	uncapped, bulk; 960 tubes

66-62326-Y6	capped, bulk; 960 tubes
Compatible racks	
66-51003	96-Format, LowBase Rack ; 10 racks
66-51004	96-Format, LowBase Rack ; 10 racks
66-51014	96-Format, LowBase Rack , with TubeLock and standard profile non-locking lid; 10 racks
66-0196-01	Cryo Rack 14x14 , black, PC; 10 racks

0.7ml Dual-coded Tube, 96-format, Internal Thread



66-62318-Y6 | 0.7ml Dual-coded Tube, 96-format, Internal Thread, Capped

Azenta Life Sciences dual-coded tubes feature a 2D code and human readable number on tube base, allowing compatibility with low throughput manual, semi-automated or fully automated workflows on integrated platforms

- Next Generation manufacturing techniques
- Code readable without removing tubes from racks
- Suitable for cryogenic storage
- Made from high-quality virgin PP
- Available in 96-well format SBS racks or bulk
- Sealable with TPE/auto friendly screw caps

Overview

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 Azenta Life Sciences and all other industry-recognized manufacturers. Provides 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.

Developed to exceed the demands of sample security, management and tracking in modern high density storage applications. Each tube features a permanently laser etched 2D code and human readable number on tube base, allowing compatibility with low throughput manual, semi-automated or fully automated workflows on integrated platforms

Key Features

- **Secure Sample Storage & Tracking**

- Permanently laser etched 2D code on base and human readable number on the base, ensuring a permanent link between sample and data
- 2D codes readable without removing tubes from racks
- High contrast 2D codes are more reliably readable in frost or condensation conditions
- 100% quality control, each tube is tested to ensure both readability and uniqueness
- Leak tested to ensure sample security
- Suitable for sealing with screw caps or TPE septum caps
- Suitable for cryogenic storage*

**Not for use in liquid phase nitrogen*

- **Capping Options**

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
- Double start thread engages in a maximum rotation of 180°, facilitating automation

TPE septum caps

- A cost effective sealing option for samples that are only accessed occasionally
- Septum caps are supplied in 96-format back mats to facilitate automation

- **Racking Options**

96 format SBS racks

- TwistLock: prevents tubes rotating within the rack to enable automated capping and de-capping of screw caps; provided as standard with the option available to remove
- TubeLock: prevents tubes from falling out, even in lidless racks; useful in manual workflows; activate by applying pressure on the tube top, clicking it into place; tubes can be ordered pre-locked or non-locked
- LidLock: enables racks to withstand a 1m drop test for added sample security
- Automatic rack orientation: a unique 2D code rack identifier readable at the same time as the tube 2D code; for automatic rack orientation and secure sample tracking
- Direct laser etching: a cutout window on the rack sides allow the linear barcode to be read more easily; linear barcodes can be laser etched directly onto racks

Cryo racks

- 136.2mm x 136.2mm PC cryobox rack option available for cryogenic sample storage, holding 196 tubes in 14x14 array
- Open bottom for 2D code decoding on Azenta Life Sciences Camera-Based Full Rack Barcode Readers
- Can be supplied with a unique 2D code identifier which can be read at the same time as the tube 2D code, for more secure sample tracking

Specifications

Parameter	0.7ml Dual-coded Tube, 96-format, Internal Thread (with auto friendly screw cap)
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Max. working volume	0.73ml
Tube height	36.2mm
Tube height with cap	44.5mm
Inner diameter	6.8mm
Outer diameter with cap	8.6mm
Center to center	9.0mm
Minimum temperature	-196°C
Tube height in rack	46.4mm
Overall rack height (including lid)	50.8mm

Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
0.7ml Dual-coded Tube, 96-format, Internal Thread 2D code and human readable number on base	
66-62317	uncapped, racked (66-61001); 10 racks/960 tubes
66-62317-L	uncapped, racked (66-51000); 10 racks/960 tubes
66-62318	uncapped, bulk; 960 tubes
66-62318-Y6	capped, bulk; 960 tubes
66-62319	uncapped, racked (66-61002); 10 racks/960 tubes
66-62319-L	uncapped, racked (66-51016); 10 racks/960 tubes

66-62319-Y6	capped, racked (66-61002); 10 racks/960 tubes
66-62319-Y6-L	capped, racked (66-51016); 10 racks/960 tubes
Compatible racks	
66-51000	96-Format, HighBase Rack , with TubeLock and lid suitable for TPE caps only; 10 racks
66-51016	96-Format, HighBase Rack , with TubeLock; 10 racks
66-61001	96-Format, HighBase Rack , with lid suitable for TPE caps only; 10 racks
66-61002	96-Format, HighBase Rack ; 10 racks
66-0196-02	Cryo Rack 14x14 , black, PC; 10 racks

0.9ml Dual-coded Tube, 96-format, Internal Thread



66-62345-Y6 | 0.9ml Dual-coded Tube, 96-format, Internal Thread, Capped

Azenta Life Sciences dual-coded tubes feature a 2D code and human readable number on tube base, allowing compatibility with low throughput manual, semi-automated or fully automated workflows on integrated platforms

- Next Generation manufacturing techniques
- Code readable without removing tubes from racks
- Suitable for cryogenic storage
- Made from high-quality virgin PP
- Available in 96-well format SBS racks or bulk
- Sealable with TPE/auto friendly screw caps

Overview

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 Azenta Life Sciences and all other industry-recognized manufacturers. Provides 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.

Developed to exceed the demands of sample security, management and tracking in modern high density storage applications. Each tube features a permanently laser etched 2D code and human readable number on tube base, allowing compatibility with low throughput manual, semi-automated or fully automated workflows on integrated platforms.

Key Features

- **Secure Sample Storage & Tracking**

- Permanently laser etched 2D code on base and human readable number on the base, ensuring a permanent link between sample and data
- 2D codes readable without removing tubes from racks
- High contrast 2D codes are more reliably readable in frost or condensation conditions
- 100% quality control, each tube is tested to ensure both readability and uniqueness
- Leak tested to ensure sample security
- Suitable for sealing with screw caps or TPE septum caps
- Suitable for cryogenic storage*

**Not for use in liquid phase nitrogen*

- **Capping Options**

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
- Double start thread engages in a maximum rotation of 180°, facilitating automation

TPE septum caps

- A cost effective sealing option for samples that are only accessed occasionally
- Septum caps are supplied in 96-format back mats to facilitate automation

- **Racking Options**

96 format SBS racks

- TwistLock: prevents tubes rotating within the rack to enable automated capping and de-capping of screw caps; provided as standard with the option available to remove
- TubeLock: prevents tubes from falling out, even in lidless racks; useful in manual workflows; activate by applying pressure on the tube top, clicking it into place; tubes can be ordered pre-locked or non-locked
- LidLock: enables racks to withstand a 1m drop test for added sample security
- Automatic rack orientation: a unique 2D code rack identifier readable at the same time as the tube 2D code; for automatic rack orientation and secure sample tracking
- Direct laser etching: a cutout window on the rack sides allow the linear barcode to be read more easily; linear barcodes can be laser etched directly onto racks

Cryo racks

- 136.2mm x 136.2mm PC cryobox rack option available for cryogenic sample storage, holding 196 tubes in 14x14 array

- Open bottom for 2D code decoding on Azenta Life Sciences Camera-Based Full Rack Barcode Readers
- Can be supplied with a unique 2D code identifier which can be read at the same time as the tube 2D code, for more secure sample tracking

Specifications

Parameter	0.9ml Dual-coded Tube, 96-format, Internal Thread (with auto friendly screw cap)
Max. working volume	0.92ml
Tube height	43.5mm
Tube height with cap	51.8mm
Inner diameter	6.8mm
Outer diameter with cap	8.6mm
Center to center	9.0mm
Minimum temperature	-196°C
Tube height in rack	53.8mm
Overall rack height (including lid)	61.8mm

Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
0.9ml Dual-coded Tube, 96-format, Internal Thread 2D code and human readable number on base	
66-62321	uncapped, racked (66-61002); 10 racks/960 tubes
66-62321-L	uncapped, racked (66-51016); 10 racks/960 tubes
66-62330	uncapped, racked (66-61003); 10 racks/960 tubes

66-62330-L	uncapped, racked (66-51017); 10 racks/960 tubes
66-62330-Y6	capped, racked (66-61003); 10 racks/960 tubes
66-62330-Y6-L	capped, racked (66-51017); 10 racks/960 tubes
66-62345	uncapped, bulk; 960 tubes
66-62345-Y6	capped, bulk; 960 tubes
Compatible racks	
66-51016	96-Format, HighBase Rack , with TubeLock and lid suitable for TPE caps only; 10 racks
66-51017	96-Format, HighBase Rack , with TubeLock; 10 racks
66-61002	96-Format, HighBase Rack , with lid suitable for TPE caps only; 10 racks
66-61003	96-Format, HighBase Rack ; 10 racks
66-0196-03	Cryo Rack 14x14 , black, PC; 10 racks

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