

TUBE SPECIFICATIONS

	0.30 ML	0.75 ML	1.40 ML
			
Storage rack	Micronic 96-1	Micronic 96-2	Micronic 96-4
Tube and cap material	Highest purity PP	Highest purity PP	Highest purity PP
Inner tube shape	V	V	V
Capping options	Screw Cap	Screw Cap	Screw Cap
Thread type	External	External	External
Identification on tube bottom	2D Data-Matrix	2D Data-Matrix	2D Data-Matrix
Working volume (+21°C)	0.21ml	0.60ml	1.11ml
Outer diameter	8.8mm	9.0mm	9.0mm
Tube height	16.4mm	30.0mm	48.0mm
Tube height with cap	19.9mm	33.5mm	51.5mm
Tube height in rack	19.5mm	31.0mm	49.0mm
Tube height in rack with cap	21.1mm	34.5mm	52.5mm
Available precapped	Yes	Yes	Yes
Twist-lock	Yes	Yes	Yes
Available sterile	Yes	Yes	Yes
DNase / RNase / Pyrogen free	Yes	Yes	Yes
Class 7 clean room production	Yes	Yes	Yes
Minimum storage temperature	Vapor phase LN2	Vapor phase LN2	Vapor phase LN2
Availability	Bulk, Rack	Bulk, Rack	Bulk, Rack

* For ordering information, please consult our website www.micronic.com.

ABOUT MICRONIC

Our goal is to advance research by serving scientists in finding solutions that contribute to a higher quality of life. We develop and manufacture a range of Dutch-designed products to enhance the process of sample preservation and storage.

Micronic is an independent organization with its headquarters located in Lelystad, the Netherlands. Micronic produces and assembles its labware in certified Class 7 clean rooms which are located in the Netherlands and the United States. Our labware equipment is also assembled inhouse. Micronic is an ISO 9001 and 14001 certified company.

Micronic products are applied worldwide in the (research) laboratories of university hospitals, forensics, agricultural, veterinary and governmental institutes, as well as companies in biotech, food, chemical and pharmaceutical industries.

Micronic Europe

(Asia, Africa,
Europe, Oceania)
Tel: +31 (0)320 277070

Micronic America

(United States, Canada,
Latin America)
Tel: +1 484 480 3372

E-mail: sales@micronic.com
www.micronic.com



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TUBES WITH EXTERNAL THREAD

Optimize the Integrity of your Samples

SUPERIOR FEATURES



OPTIMIZING SEALING QUALITY

The triple thread of the externally threaded tubes gives an excellent closure and horizontal placement of the cap to ensure long-term sample preservation and storage. The screw cap also has a triple start thread for optimal sealing quality. To prevent the screw cap from overturning - manually or mechanically - the cap is designed with a unique lock when sealed (no screw cap or tube exhaustion). For better handling, the screw cap has an outside grip. The caps are available in 6 different colors.

IMPROVING SAMPLE INTEGRITY

Using externally threaded tubes for sample storage eliminates the possibility of the sample coming into contact with the screw thread, greatly reducing the chance of cross-contamination while improving sample integrity. Due to thick tube walls, the tube has a sturdy design and excellent properties for ultra-low temperature storage.

MAXIMIZING STORAGE VOLUME

Externally threaded tubes allow for a higher (net) volume of material to be stored inside, which means that the sample tubes can hold more while occupying the same amount of storage space.

ENSURING ABSOLUTE TRACEABILITY

The code surface of the tubes with external thread features a raised edge, which protects the 2D code against accidental scratches. Due to the unique injection molding technique used to manufacture the sample storage tubes, the black code surface with 2D Data-Matrix code cannot be separated from the transparent tube. The 2D codes also have a human-readable code for additional identification. The codes are permanently laser-etched into the tube bottom so that they can never wear or fall off.



AUTOMATION COMPATIBILITY

The tubes with external thread are compatible with the Micronic Ultra-Low Temperature Rack Range in the industry standard ANSI/SLAS format and automated systems. The racks feature a laser-etched 1D barcode, alphanumeric coding on top, and 'twist-lock' to prevent tubes from turning during (de)capping.

AVAILABILITY & PRODUCTION SPECIFICATIONS

The externally threaded 0.30ml, 0.75ml and 1.40ml tubes will be standard available in bulk and the Micronic 96-1, 96-2 or 96-4 Rack. All Micronic sample storage tubes are manufactured in a certified Class 7 clean room production environment. The products are RNase/DNase and Pyrogen free following strict industry requirements.