

## TUBE SPECIFICATIONS

	<p style="text-align: center;"><b>3.00 ML</b></p>
<p>Storage Rack Tube material Inner tube shape Capping options Thread type Identification on tube bottom Identification on tube side Working volume with Screw Cap (+21°C)</p>	<p>Micronic 24-2 Rack Highest purity PP Flat Screw Cap External 2D Data-Matrix Human readable 2.50ml</p>
<p>Outer diameter Tube height Tube height with Screw Cap Tube height in rack Tube height in rack with Screw Cap</p>	<p>15.4mm 26.0mm 33.7mm 27.0mm 34.7mm</p>
<p>Available precapped Twist-lock Available sterile DNase / RNase / Pyrogen free Class 7 clean room production Minimum storage temperature Availability</p>	<p>Yes Yes Yes Yes Yes Vapor phase LN2 Bulk, Rack</p>

## 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.

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# MICRONIC TISSUE STORAGE TUBE

Fully Traceable Tissue Storage Solution

# SUPERIOR FEATURES



## OPTIMIZING SEALING QUALITY

To ensure a tight seal, even down to vapor phase liquid nitrogen temperatures, the 3.00ml tissue tube includes a novel 'single turn' TPE/Polypropylene screw cap that stays securely in place even during repeated freeze-thaw cycles. For better handling, the screw cap also has an outside grip.

## 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 thicker tube walls, the 3.00ml tissue tube has a sturdier design and excellent properties for ultra-low temperature storage.

## MAXIMIZING STORAGE VOLUME

Externally threaded tubes also 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. The 3.00ml tissue tubes have a working volume of 2.50ml and a wide shallow opening enabling easy loading/removal of tissue samples using tweezers. In addition to storage, the flat bottomed tube can also be used for secure transportation of tissue samples.

## ENSURING ABSOLUTE TRACEABILITY

Due to the unique injection molding technique used to manufacture the tissue storage tubes, the black code surfaces with 2D Data-Matrix code and human readable code cannot be separated from the transparent tube. The codes are permanently laser-etched into the surface so that they can never wear or fall off. A transparent sidewall enables easy visual checking of the enclosed tissue sample. To further aid visual identification of stored samples the inner TPE element of the screw cap is available in 6 different colors.



## AUTOMATION COMPATIBILITY

The Micronic 24-2 Ultra-Low Temperature Rack accommodates twenty-four 3.00ml tissue storage tubes in an automation compatible ANSI/SLAS dimensional footprint. The tubes are also provided with a twist-lock preventing it from spinning during screw (de)capping.

## AVAILABILITY & PRODUCTION SPECIFICATIONS

The externally threaded 3.00ml tissue tubes are standard available in bulk and Micronic 24-2 Rack. All Micronic labware is manufactured in a certified Class 7 clean room production environment. The products are RNase/DNase and Pyrogen free following strict industry requirements.