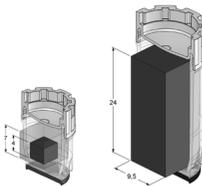


## TUBE SPECIFICATIONS

	1.00 ML	3.50 ML
		
Storage Rack	Micronic 48-1 Rack	Micronic 24-2 Rack
Tube material	Highest purity PP	Highest purity PP
Inner tube shape	Flat	Flat
Capping options	Screw Cap	Screw Cap
Thread type	External	External
Identification on tube bottom	2D Data-Matrix	2D Data-Matrix
Working volume (+21°C)	0.85ml	3.35ml
Maximum tissue sample size	0.40 x 0.40 x 0.70 cm	0.95 x 0.95 x 2.40 cm
Outer diameter	13.0mm	16.3mm
Tube height	16.0mm	30.0mm
Tube height with cap	19.7mm	33.5mm
Tube height in rack	17.0mm	31.2mm
Tube height in rack with cap	20.7mm	34.7mm
Available precapped	Yes	Yes
Twist-lock	Yes	Yes
Available sterile	Yes	Yes
DNase / RNase / Pyrogen free	Yes	Yes
Class 7 clean room production	Yes	Yes
Minimum storage temperature	Vapor phase LN2	Vapor phase LN2
Availability	Bulk, Rack	Bulk, Rack

## 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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Please consult your local sales representative for more details. [PD806701]



## TISSUE TUBES WITH EXTERNAL THREAD

Standardize the Storage of Fresh Frozen Tissue

# SUPERIOR FEATURES



## ADVANCING TISSUE STORAGE

The Micronic tissue tubes with external thread are mainly designed for the storage of fresh frozen tissue samples. The 1.00ml tube can store samples with a maximum size of 0.40 x 0.40 x 0.70 cm. The 3.50ml tube can store samples with a maximum size of 0.95 x 0.95 x 2.40 cm. A wide shallow opening enables easy loading / removal of tissue samples using tweezers. In addition to storage, the flat bottomed tubes can also be used for secure transportation of tissue samples.

## OPTIMIZING SEALING QUALITY

The triple thread of the tissue tubes with external thread 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.

## IMPROVING SAMPLE INTEGRITY

Using externally threaded tubes for tissue 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 tissue tubes have a sturdy design and excellent properties for ultra-low temperature storage.

## ENSURING ABSOLUTE TRACEABILITY

The code surface of the tissue tubes features a raised edge, which protects the 2D code against accidental scratches. Due to the unique injection molding technique used to manufacture the tissue 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 are compatible with the Micronic Ultra-Low Temperature Rack Range in the industry standard ANSI/SLAS format (the Micronic 48-1 and 24-2 Rack) and automated systems. The racks feature a laser-etched 1D barcode, alphanumeric coding on top, and a 'twist-lock' to prevent tubes from turning during (de)capping.

## AVAILABILITY & PRODUCTION SPECIFICATIONS

Micronic tissue tubes are standard available in bulk and 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.