




TUBE SPECIFICATIONS

	0.75 ML	1.40 ML
		
Storage Rack	Micronic 96-2 Rack	Micronic 96-4 Rack
Tube material	Highest purity PP	Highest purity PP
Inner tube shape	U	U
Capping options	Screw Cap	Screw Cap
Thread type	External	External
Working volume (+21°C)	0.62ml	1.20ml
Identification on tube bottom	2D Data-Matrix	2D Data-Matrix
Identification on side wall	Human-readable	1D barcode Human-readable
Outer diameter	8.8mm	8.8mm
Tube height	30.0mm	48.0mm
Tube height with cap	33.5mm	51.5mm
Tube height in rack	30.8mm	48.8mm
Tube height in rack with cap	34.5mm	52.8mm
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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TUBES WITH EXTERNAL THREAD HYBRID

Automated and visual sample identification

UNIQUELY COMBINING 4 CODING CONCEPTS

- 1 White empty surface to write or laser your own ID
- 2 Numeric human-readable on the tube side wall
- 3 1D Barcode on the tube side wall
- 4 2D Data-Matrix code on the tube bottom

AUTOMATED AND VISUAL SAMPLE IDENTIFICATION

The Micronic tubes with external thread hybrid uniquely combine automated and visual sample identification. The visual codes allow researchers to quickly identify samples or verify codes during the storage/retrieval process or field research. The transparent parts of the tube wall enable easy visual checking of the sample. The 1D and 2D barcode can be read by automated systems.

ENSURING ABSOLUTE TRACEABILITY

The bottom code surface of the tubes features a raised edge, which protects the 2D Data-Matrix code against accidental scratches. Due to the unique injection molding technique used to manufacture the hybrid tubes, the white bottom and side walls cannot be separated from the transparent tube. The high contrast 1D, 2D and human-readable codes are permanently laser-etched into the white surfaces, so that they can never wear or fall off.

OPTIMIZING SEALING QUALITY

The triple screw thread of the hybrid tubes gives an excellent closure for long-term sample preservation and storage at ultra-low temperatures. To prevent the screw cap from overturning - manually or mechanically - the cap is designed with a unique lock when sealed. The cap is available in six different colors.



Guarantee
your sample
traceability!



AUTOMATION COMPATIBILITY

The tubes are compatible with the Micronic Ultra-Low Temperature Rack Range in the industry standard ANSI/SLAS format (the Micronic 96-2 and 96-4 Rack). 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 tubes with external thread hybrid 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.