

TUBE RANGE WITH EXTERNAL THREAD HYBRID - OVERVIEW AND SPECIFICATIONS

	0.75 ML	1.40 ML	2.00 ML	3.00 ML	1.50 ML	3.00 ML	6.00 ML
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SERVING SCIENTISTS SINCE 1984				-		alle	
CERTIFIED CLASS 7 CLEAN ROOM MANUFACTURING		m					
PRODUCTION IN The Netherlands and The United States	177)		-		000		
3-5 YEAR WARRANTY ON MICRONIC EQUIPMENT	160850000		4034717261	40295580	20000 58091	58090	402955
			SOMICR	ONIC	0		
Ultra-Low Temperature Rack	Micronic 96-2	Micronic 96-4	Micronic 48-2	Micronic 48-3	Micronic 24-1 Coming soon	Micronic 24-1 Coming soon	Micronic 24-4 Coming soon
Screw Cap tube Inner tube shape	Yes U	Yes U	Yes Flat	Yes Flat	Yes Flat	Yes Flat	Yes Flat
Working volume (+21°C)	0.62ml	1.20ml	1.95ml	2.90ml	1.45ml	2.45ml	6.00ml
2D Data-Matrix coded (bottom) 1D barcoded (side) Human readable (side) Available with blank tube walls	Yes Yes Yes Yes	Yes Yes Yes Yes	Yes Yes Yes Yes	Yes Yes Yes Yes	Yes No Yes Yes	Yes No Yes Yes	Yes Yes Yes Yes
Capping options	Screw Cap	Screw Cap	Screw Cap	Screw Cap	Screw Cap	Screw Cap	Screw Cap
Outer diameter Tube height Tube height with Screw Cap Height tube in rack Height tube in rack with Screw Cap Rack height with cover	8.8mm 30.0mm 33.5mm 30.8mm 34.5mm 37.8mm	8.8mm 48.0mm 51.5mm 48.8mm 52.8mm 55.8mm	13.0mm 30.0mm 33.5mm 30.8mm 34.5mm 37.8mm	13.0mm 41.0mm 44.5mm 42.0mm 45.2mm 48.5mm	16.3mm 16.0mm 19.5mm 17.0mm 21.0mm 23.8mm	16.3mm 23.0mm 26.5mm 24.0mm 28.0mm 30.8mm	16.3mm 48.0mm 51.5mm 48.8mm 52.8mm 55.8mm
Available precapped Twist-lock Available sterile DNase / RNase / Pyrogen free Class 7 clean room production Minimum storage temperature Availability	Yes Yes Yes Yes Vapor phase LN2 Bulk, Rack	Yes Yes Yes Yes Vapor phase LN2 Bulk, Rack	Yes Yes Yes Yes Yes Vapor phase LN2 Bulk, Rack				

SUPERIOR FEATURES OF MICRONIC TUBES WITH EXTERNAL THREAD HYBRID

UNIQUELY COMBINING 4 CODING CONCEPTS

- 1 White blank 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.

SAMPLE STORAGE WORKFLOW CHART



OPTIMIZING SEALING QUALITY

The triple screw thread of the hybrid tubes gives an excellent closure for long-term sample preservation and storage at ultralow 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.

AUTOMATION COMPATIBILITY

The tubes are compatible with the Micronic Ultra-Low Temperature Rack Range in the industry standard ANSI/SLAS format. 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. Moreover, the tubes are available with and without coding on the side walls. 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.



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