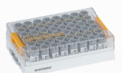


TUBE RANGE WITH EXTERNAL THREAD HYBRID - OVERVIEW AND SPECIFICATIONS

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

Available in Canada from...

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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.



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.

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.

SAMPLE STORAGE WORKFLOW CHART



Compatible
with automated
stores