

SERVING SCIENTISTS
SINCE 1984



INTERNAL THREAD HYBRID TUBES

Smarter Sample Storage with Four-Way Identification

SMARTER SAMPLE STORAGE WITH FOUR-WAY IDENTIFICATION

The Micronic 1.40ml tube with internal thread offers a unique combination of automated and visual sample identification. Four different coding options on a single tube ensure complete traceability. Human-readable codes and the option to add handwritten markings on the blank side wall allow researchers to quickly identify samples or verify data during storage, retrieval, or fieldwork. For automated workflows, the tube features a 1D barcode on the side and a 2D Data Matrix code on the bottom, ensuring seamless compatibility with automated reading systems and reliable sample tracking throughout the entire process.

The 1.40ml Internal Thread Hybrid tube offers a broad storage temperature range, from vapor-phase liquid nitrogen (LN2) up to +100 °C, making it suitable for a wide variety of laboratory applications. Its robust construction and thick tube walls ensure safe and reliable storage, even under cryogenic conditions.

The 1.40ml tube is compatible with automated storage systems and integrates seamlessly into advanced laboratory workflows. It works with Micronic Screw Cap Recappers (CS100, CS500, CS700) and Micronic Code Readers (DR710, DR515, DT520). The tube is suitable for use with Push Caps, Standard Screw Caps, Low Profile Screw Caps, and Screw Caps Ultra, and is designed for use within the ULT Rack Range, supporting automated handling processes.

FEATURES & BENEFITS



- High chemical resistance
- Temperature range of vapor phase LN2 to +100 °C
- Withstands autoclaving
- Available with black-on-white bottom 2D Data-Matrix code and 1D side barcode
- Compatible with automated systems
- Made from medical approved Polypropylene
- RNase/Dnase and Pyrogen free
- Class 7 clean room production

OVERVIEW & SPECIFICATIONS

TUBES INTERNAL THREAD HYBRID



	Working volume +21°C is 1.04ml (Screw Cap) / 1.15ml (Push Cap)
	V-bottom
	Highest purity Polypropylene
	Tube height is 44.0 mm / Tube height in rack is 49.0 mm (without cover)
	Resistant to Chemical solvents
	LN2 to +100°C

OVERVIEW INTERNAL THREAD HYBRID TUBES

RNase/DNase and Pyrogen free

Made from medical approved Polypropylene

White code surface cannot be separated from the transparent tube due to the unique 2K injection molding technique

High Chemical Resistance



The Screw Cap with Silicon O-ring is recommended for effective cryogenic storage, since it allows for the tightest seal possible

Internal thread provides the most optimal sealing for storage at ultra-low temperatures

1D barcode and human readable code on the tube side wall for visual identification or verification



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