

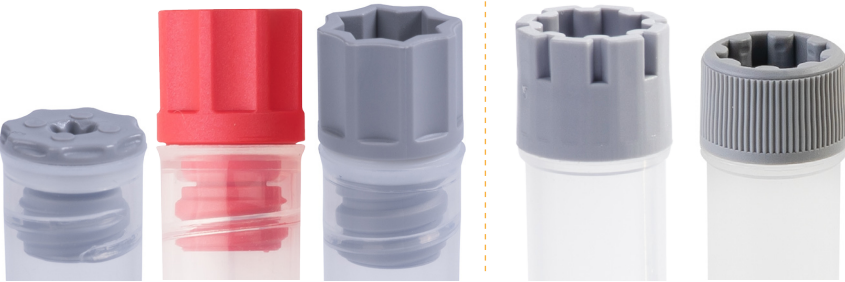
SUPERIOR CAP FEATURES

SCREW CAPS

All Screw Caps are manufactured from virgin plastic raw material, RNase/DNase and pyrogen free, automation friendly and have a working range of: Vapor phase LN2 to +100°C

High quality Silicon O-ring allows for optimal sealing for tubes with internal thread

Available in 12 colors



Available in 12 colors



Triple start thread allows for the tightest seal possible for tubes with external thread

Right: Optimized for automated handling (Screw Cap IG)

PUSH CAPS

TPE Push Caps for tubes with internal thread & external thread

TPE Caps in Natural: manufactured from materials for medical or non-medical applications

Available with split septum to pierce with a pipette tip

RNase / DNase and Pyrogen free



Working range: -80°C to +100°C (without foil)

Multi-pierceable without losing sealing integrity

Available in Natural + 12 colors



OPTIONAL SERVICES / FEATURES



Pre-capped on Micronic Tubes

All Micronic cap types are available pre-capped on Micronic Tubes. Micronic Screw Cap Tubes can be sealed with either a Screw Cap or Push Cap. Micronic Push Cap Tubes can be sealed with a Push Cap.

Sterilization using Gamma Irradiation

Upon request, Micronic products can be supplied gamma irradiated. Irradiation itself cannot guarantee that the product is free from any detectable RNases, DNases or pyrogens. Class 7 clean room production is therefore an essential requirement.

Sterilization using EtO Treatment

Upon request, Micronic products can be supplied ethylene oxide treated. Using a novel ethylene oxide treatment process - Micronic's consumable products are independently certified to be absolutely DNA-free and therefore provide the perfect medium for long-term, high integrity storage of forensic samples. Micronic is offering the DNA-free products in a special Tyvek packaging.



AVAILABLE TECH NOTES

CAP COLOR CODING

During the collection, processing and storage of samples, sample traceability is crucial. While most laboratories use 1D barcodes and 2D codes on sample tubes to ensure traceability of samples, cap color inspection will further promote the tube identification process.

Cap color coding in laboratories is particularly useful to distinguish between different types of research purposes. Color provides a visual clue that works faster than text alone. By adding cap color coding next to 1D barcodes and 2D codes, users can speed up sample storage and retrieval time, eliminate human errors, and reduce the risk of lost samples.

To ensure that aliquots, which are transferred from sample collection tubes (vacuum tubes) into smaller sample storage tubes, can still be identified by cap color inspection, Micronic offers a standard cap color coding solution for 96-, 48- and 24-format sample storage tubes. The solution can be found in the Tech Note "Cap Color Coding".



CAP SEALING PERFORMANCE

Sealing integrity is highly important to preserve samples against contamination, evaporation, and integrity loss during short term and long term storage.

Micronic regularly conducts research on its cap sealing properties compared to other brands. This way, Micronic is able to offer the highest quality products in the market. In order to compare the closure of Micronic Screw Caps and Push Caps related to other brands, several evaporation studies were conducted.

The Tech Note about "Cap Sealing Performance" demonstrates Micronic's superior cap and tube combination quality compared to other brands in the market by showing the results of the conducted evaporation tests.



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BROCHURE



SERVING SCIENTISTS
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CERTIFIED CLASS 7 CLEAN ROOM
MANUFACTURING

ASSEMBLY IN
THE NETHERLANDS AND
THE UNITED STATES

CAPS FOR SAMPLE STORAGE TUBES

Screw Caps & Push Caps

