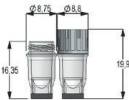
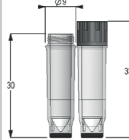
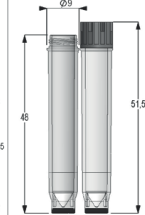


## TUBE SPECIFICATIONS

|                                                                                  | 0.30 ML                                                                           | 0.75 ML                                                                           | 1.40 ML                                                                           |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |  |  |
| Storage rack                                                                     | Micronic 96-1                                                                     | Micronic 96-2                                                                     | Micronic 96-4                                                                     |
| Tube and cap material                                                            | Highest purity PP                                                                 | Highest purity PP                                                                 | Highest purity PP                                                                 |
| Inner tube shape                                                                 | V                                                                                 | V                                                                                 | V                                                                                 |
| Capping options                                                                  | Screw Cap                                                                         | Screw Cap                                                                         | Screw Cap                                                                         |
| Thread type                                                                      | External                                                                          | External                                                                          | External                                                                          |
| Identification on tube bottom                                                    | 2D Data-Matrix                                                                    | 2D Data-Matrix                                                                    | 2D Data-Matrix                                                                    |
| Working volume (+21°C)                                                           | 0.21ml                                                                            | 0.60ml                                                                            | 1.11ml                                                                            |
| Outer diameter                                                                   | 8.8mm                                                                             | 9.0mm                                                                             | 9.0mm                                                                             |
| Tube height                                                                      | 16.4mm                                                                            | 30.0mm                                                                            | 48.0mm                                                                            |
| Tube height with cap                                                             | 19.9mm                                                                            | 33.5mm                                                                            | 51.5mm                                                                            |
| Tube height in rack                                                              | 19.5mm                                                                            | 31.0mm                                                                            | 49.0mm                                                                            |
| Tube height in rack with cap                                                     | 21.1mm                                                                            | 34.5mm                                                                            | 52.5mm                                                                            |
| Available precapped                                                              | Yes                                                                               | Yes                                                                               | Yes                                                                               |
| Twist-lock                                                                       | Yes                                                                               | Yes                                                                               | Yes                                                                               |
| Available sterile                                                                | Yes                                                                               | Yes                                                                               | Yes                                                                               |
| DNase / RNase / Pyrogen free                                                     | Yes                                                                               | Yes                                                                               | Yes                                                                               |
| Class 7 clean room production                                                    | Yes                                                                               | Yes                                                                               | Yes                                                                               |
| Minimum storage temperature                                                      | Vapor phase LN2                                                                   | Vapor phase LN2                                                                   | Vapor phase LN2                                                                   |
| Availability                                                                     | Bulk, Rack                                                                        | Bulk, Rack                                                                        | Bulk, Rack                                                                        |

\* For ordering information, please consult our website [www.micronic.com](http://www.micronic.com).

## 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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Please consult your local sales representative for more details. [PD806102]



## TUBES WITH EXTERNAL THREAD

Optimize the Integrity of your Samples

## SUPERIOR FEATURES



### OPTIMIZING SEALING QUALITY

The triple thread of the externally threaded tubes gives an excellent closure and horizontal placement of the cap to ensure long-term sample preservation and storage. The screw cap also has a triple start thread for optimal sealing quality. To prevent the screw cap from overturning - manually or mechanically - the cap is designed with a unique lock when sealed (no screw cap or tube exhaustion). For better handling, the screw cap has an outside grip. The caps are available in 6 different colors.

### IMPROVING SAMPLE INTEGRITY

Using externally threaded tubes for sample storage eliminates the possibility of the sample coming into contact with the screw thread, greatly reducing the chance of cross-contamination while improving sample integrity. Due to thick tube walls, the tube has a sturdy design and excellent properties for ultra-low temperature storage.

### MAXIMIZING STORAGE VOLUME

Externally threaded tubes allow for a higher (net) volume of material to be stored inside, which means that the sample tubes can hold more while occupying the same amount of storage space.

### ENSURING ABSOLUTE TRACEABILITY

The code surface of the tubes with external thread features a raised edge, which protects the 2D code against accidental scratches. Due to the unique injection molding technique used to manufacture the sample storage tubes, the black code surface with 2D Data-Matrix code cannot be separated from the transparent tube. The 2D codes also have a human-readable code for additional identification. The codes are permanently laser-etched into the tube bottom so that they can never wear or fall off.



### AUTOMATION COMPATIBILITY

The tubes with external thread are compatible with the Micronic Ultra-Low Temperature Rack Range in the industry standard ANSI/SLAS format and automated systems. The racks feature a laser-etched 1D barcode, alphanumeric coding on top, and 'twist-lock' to prevent tubes from turning during (de)capping.

### AVAILABILITY & PRODUCTION SPECIFICATIONS

The externally threaded 0.30ml, 0.75ml and 1.40ml tubes will be standard available in bulk and the Micronic 96-1, 96-2 or 96-4 Rack. All Micronic sample storage tubes are manufactured in a certified Class 7 clean room production environment. The products are RNase/DNase and Pyrogen free following strict industry requirements.