



# DACOS

Cryo Vials • Pipette Tips • Blood-Sep Filters

## MAXXLINE CRYO VIAL DATASHEET



# MAXXLINE Cryo Vials

The MAXXLINE Cryogenic Vials are cleverly designed vials for sampling and storage of different types of liquid media. With features like external thread, star-feet and leak proof closure by only half a turn, these vials are made with the purpose of easy handling and ergonomic comfortability.

## INTENDED USE:

General laboratory product, solely intended for general laboratory use by competent staff.

| Item no.                          | MLC05  | MLC1   | MLC2   | MLC4   | MLC5   |
|-----------------------------------|--|--------|--------|--------|--------|
| <b>SPECIFICATIONS</b>             |  |        |        |        |        |
| Volume                            | 0.5 ml   | 1.0 ml | 2.0 ml | 4.0 ml | 5.0 ml |
| Length (mm)                       | 28.6   | 36.1   | 47.6   | 73.3   | 88.5   |
| Diameter (mm)                     | 12.08  |        |        |        |        |
| Material                          | PP (Polypropylen)  |        |        |        |        |
| Temperature range                 | -196°C to 121°C  |        |        |        |        |
| Pressure tolerance                | 95 kPa (0.95 bar)  |        |        |        |        |
| Max filling (Vapor LN2)<br>-196°C | 0.4  | 0.8    | 1.3    | 3.3    | 4.3    |
| Max filling -20°C                 | 0.5  | 0.9    | 1.7    | 3.5    | 4.5    |
| Max filling -80°C                 | 0.4  | 0.9    | 1.5    | 3.5    | 4.5    |
| Single use                        | Product intended for single use only.  |        |        |        |        |
| <b>FEATURES</b>                   |  |        |        |        |        |
| Cap                               | <b>External thread</b> - Less risk of contamination.<br><b>Lip seal</b> - Ensures 100% leak proof seal.            |        |        |        |        |
| Handling                          | <b>Quick seal</b> - Allows tightening or removal with only half a turn.<br><b>Star foot</b> - Anti rotation bottom |        |        |        |        |
| Graduated                         | <b>Measuring unit</b> - With 0.5 ml intervals<br><b>Writing area</b>   |        |        |        |        |
| <b>STERILIZATION</b>              |  |        |        |        |        |
| Sterilization                     | Sterility Assurance Level: SAL 10 <sup>-6</sup> according to DIN EN ISO 11137                                      |        |        |        |        |
| Autoclavable                      | Yes  |        |        |        |        |
| Expiry date (EXP)                 | 5 years from date of sterilization - As long as the packaging remains unopened and free from visible defect.       |        |        |        |        |

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| <b>BIOLOGICAL SAFETY</b>       |  |      |      |      |      |
| Resin                          | Free from detectable heavy metals, BSE/TSE and cytotoxic substances  |      |      |      |      |
| Production                     | Free from detectable RNase/DNase   |      |      |      |      |
| Component materials            | Print color: Free from detectable heavy metals<br>Packaging materials: Free from detectable heavy metals   |      |      |      |      |
| <b>PACKAGING &amp; STORAGE</b> |  |      |      |      |      |
| Pcs/bag                        | 100  |      |      | 100  |      |
| Bags/box                       | 10   |      |      | 5    |      |
| LOT no.                        | LOT number printed on each product pouch and box label.  |      |      |      |      |
| Storage                        | Store in closed, original packaging in a dry place at room temperature (10-30°C). Do not expose to direct sunlight.                              |      |      |      |      |
| <b>WARNING!</b>                |  |      |      |      |      |
| Vapor phase only!              | Do not use cryo vials for storage in the liquid phase. Only the vapor phase above the level of liquid nitrogen.                                  |      |      |      |      |
| Safety equipment!              | Use appropriate safety equipment when handling frozen cryo vials.  |      |      |      |      |
| Freeze correctly!              | Freeze according to these steps:<br>1) Freeze to -20°C and keep for 2 hours.<br>2) Freeze to -80°C and keep for 2 hours.<br>3) Freeze to -196°C. |      |      |      |      |

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