

MAXXLINE Cryogenic Vials

Datasheet

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
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SPECIFICATIONS					
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) -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.				

FEATURES	
Cap	External thread - Less risk of contamination. Lip seal - Ensures 100% leak proof seal.
Handling	Quick seal - Allows tightening or removal with only half a turn. Star foot - Anti rotation bottom
Graduated	Measuring unit - With 0.5 mL intervals Writing area

STERILIZATION	
Sterilization	Sterility Assurance Level: SAL 10 ⁻⁶ 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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BIOLOGICAL SAFETY	
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 Packaging materials: Free from detectable heavy metals

PACKAGING & STORAGE		
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.	

WARNING!	
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: 1) Freeze to -20°C and keep for 2 hours. 2) Freeze to -80°C and keep for 2 hours. 3) Freeze to -196°C.