

PureTain®

BIOPROCESS FREEZING BOTTLES

Parker's PureTain® freezing bottles are characterized by a patented sealing system in the bottle closure area and offer high flexibility in configuration. They are validated for use down to -80 °C.

Parker's PureTain® Freezing Bottles are available in sizes ranging from 30 ml to 20 liters. They are available in either PETG or polycarbonate, depending on the freezing process and temperature. The overmolding technology applied replaces conventional cable tie solutions, which pose a leakage risk under thermal stress. Furthermore, the use of overmolding technology eliminates interfaces and optimizes the filling and draining of the containers (closed filling and draining).

Parker also offers customized transportation solutions such as protection caps, tubing fixation, tamper-evident seals, integrity seals, carrying handles and trays.

Our process specialists will be pleased to discuss your requirements and work with you to find the best solution for your application. Please contact us for more information.

Features and Benefits

- Perfect ultra-low temperature product protection due to validated sealing capability down to 80 °C.
- Broad range of containers with customized tubing configurations, available from 30 ml to 20 l
- Custom Configuration and Accessories
- Closed Filling and Draining (optional)

Configuration Options

- Bottle size/volume
- Bottle material
- Filling and draining configuration
- Amount of bottles
- Tubing material and sizes
- Connections
- Handling accessories (eg tray)
- Transport caps / protective caps
- RTU or RTS



Bioprocess Freezing Bottles, PureTain®



Quality and Compliance

- All product contact materials meet USP class IV or equivalent ISO 10993
- ADI-free (EMA/410/01)
- Final assembly in ISO 7 clean room
- USP 85 Endotox testing (batch specific)
- USP 788 Particulates testing (batch specific)
- Product specific leakage testing
- Other compliance statements (eg Extractables) are available upon request and availability

Applications

Freezing, transportation and storage of drug substance or intermediates.

Support and design

Parker's global single-use team can assist in the design, validation, qualification and implementation of your single-use solution, calling upon our expertise in filtration, single-use systems, sensing and automation.

Ordering Information

Please contact your local Parker representative to discuss how these systems can be configured for your needs.

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<https://discover.parker.com/biopharma-inquiry>

