

PureTain®

SMALL VOLUME TUBING ASSEMBLY

Parker's PureTain® tubing assemblies support the transfer of small product volumes in ATMP (Advanced Therapy Medicinal Products) applications, such as for CGT (cell and gene therapy) and mRNA processes.

Parker's PureTain® tubing assemblies can be custom configured with small tubing diameters (from 0.8 mm / $\frac{1}{32}$ in). They can be assembled with various interfaces and connectors such as Luer adapters, sampling ports, or aseptic connectors. Additionally, process filters and other accessories can be integrated. Parker's overmolding technology enables the connection of different tubing diameters without the risk of leakage.

In addition, Parker offers closed small-volume sampling systems such as bags from 2 ml and bottles from 30 ml.

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

- Aseptic connections and completely closed fluid paths
- Modular integration of containers, micro bags, centrifuge tubes, spikes, and syringes for maximum production efficiency and minimum product loss
- Open architecture to create a perfect TPE- or silicone-based small-volume tubing system

Configuration Options

- Tubing
- Connections
- Container
- Filtration
- Sampling
- RTU or RTS



Small Volume Tubing Assembly, 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

- mRNA production processes
- CGT processes
- Viral vector production (AAV – adeno-associated viruses, LV – lentiviruses)
- Small-volume processes

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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