

PureTain® BIOPHARMA TUBING MANIFOLDS

Parker's single-use assemblies can be designed and customized to meet the specific applications needs of your process.

With the flexibility to integrate the components of your choice, Parker can create single-use assemblies to fit your process needs. This flexibility allows customers to continue using their internally validated and established brands and products.

Our design, engineering and technical experts will work closely with you from concept to reality to assist with component selection, compliance assessments, suitable irradiation / sterilization options, validation requirements and safety considerations to ensure a smooth introduction of the assembly into your process.



PureTain® Biopharma Tubing Manifolds example

Features and Benefits

- Available in autoclaveable formats or pre-gamma irradiated
- Options for gamma sterility to ISO 11137-2
- Fully enclosed fluid pathway
- Customizable to suit process requirements
- Available as standalone assemblies or as part of an automated solution

Configuration Options

There is a huge array of available components which can be chosen to enable thousands of configurations to satisfy your requirements, including but not limited to:

- Tubing
- Aseptic connectors
- Bioprocess containers
- Retainers
- Quick connects / disconnects
- Barbed or overmolded junctions
- Sanitary connections
- Sampling
- Sensing technology
- Filtration



Quality and Compliance

Quality assurance is built into all Parker products through a rigorous product design process, careful selection of suppliers and materials, and manufacture within a highly controlled environment using validated production technologies in adherence to cGMP. With registrations and certifications to ISO9001 (Quality Management Systems) and ISO14001 (Environmental Management Standard) across our sites globally, all of our transfer lines are manufactured within an ISO Class 7 cleanroom and can be supplied in one of the three formats below:

- Non-irradiated / ready to sterilize (RTS)
- Gamma-irradiated (low bioburden)
- Gamma-irradiated (validated sterile according to ISO 11137-2 to conform with Annex 1)

All assemblies are supplied certified and comply with the following regulations:

- USP 85 (Endotoxin)
- USP 88 Class VI (Biological Reactivity)
- USP 788 (Particulates)
- USP 661 (Enclosures)
- EMA/410/01 (TSE/BSE)
- Other compliance statements are available upon request e.g. extractables and leachables)

Applications

- Upstream / downstream processes
- System manifolds (such as NFF, TFF and bulk fill)
- Final fill solutions
- Drug substance / drug product formulation
- Vaccine production
- Media preparation
- Buffer transfer

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.

Date of Issue: 04/25
DS_P_015 Revision: 1

© 2025 Parker Hannifin Corporation

