

PureTain®

SINGLE-USE ISOLATOR TRANSFER SET

Parker's PureTain® single-use isolator transfer sets are closed systems for the leakage-free filling of pharmaceutical products from the product tank into primary packaging (ampoules, vials, syringes, etc.).

Parker's PureTain® isolator transfer sets enable an aseptic, closed product transfer and filling process. They can be adapted to the design of the filling line and the number of filling tubes. The systems consist of modular solutions that include bags, tubing, tubing feedthroughs, aseptic connectors and filling needles. Parker's overmolding solutions include molded ports and manifolds for tubing and pumps. They increase process flexibility and productivity, as well as safety and simplified handling of systems by operators. In addition, the isolator transfer sets ensure maximum dispensing accuracy and system integrity through molded interfaces.

Parker's PureTain® isolator transfer sets can be configured to customer specifications and are supplied ready-to-use or ready-to-sterilize.

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

- Reduction of interfaces through overmolding technology
- Flow Control
- Solutions for rotary piston pumps as well as for single-hose and double-head peristaltic pumps
- Filling machine specific filling needles can be integrated
- Color and numerical coding for easy and secure installation inside the isolator
- Beta Bags with different Beta ports (105 mm, 190 mm, 270 mm), sizes and volumes
- Combination of different tubing types possible
- Maximization of product integrity and sterility due to seamless tubing feed into the beta bag and RTP canister
- Customized system design
- Assemblies are fully customized to filling machine design and process needs
- Ready-to-use or ready-to-sterilize



Single-Use Isolator Transfer Sets, PureTain®



Configuration Options

- Amount of filling lines
- Tubing material and brand
- Tubing sizes (based on filling volume)
- Single-head vs dual-head arrangement
- Haeder bag volume and configuration
- Filling needles (depending on filling machine)
- Beta bag port size 105 mm, 190 mm or 270 mm
- Beta bag materials (gamma version and autoclave version)
- Beta bag size/volumein
- Stainless steel beta cannister port feed-thru solutions for 1,5 in and 2,5 in
- RTU or RTS

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

- Final fill processes
- Aseptic processes
- Isolator Fill Finish 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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