

PureTain® FILLING ASSEMBLY

Parker's PureTain® Filling Assemblies include pump tubing, header bags, interfaces into the isolator or transfer container, filling needles, and needle covers.

Parker's PureTain® filling assemblies ensure an aseptic product transfer and filling process from the bulk tank to the filling needle.

A central component of the solutions are molded distributors manifolds made of silicone or TPE, as well as molded tubing connections. The overmolding technology supports dosing accuracy and zero leakage. The technology can use various tubing materials and types and can be adapted to system-specific pump configurations. Furthermore, molded ports can be integrated for isolators and as container interfaces.

Optional needle guards protect the filling needles during transport, installation, and handling up to the point of use. They can be customized to fit the specific needles of the filling machines. Color coding of the individual filling lines simplifies installation and supports identification and assignment of each filling line.

PureTain® Filling Assemblies can be combined with PureTain® Beta Bags and Isolator Transfer Sets.

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

- Maximum protection of the product against contamination due to overmolded connections on all critical joints
- Minimized peristaltic pump pulsations due to micro-molded Y-connections, which can combine different tubing sizes into one joint, down to an inner tubing diameter of $\frac{1}{32}$ " (0,8 mm)
- Minimized hold up and product loss due to custom system design
- TPE or silicone based final fill system
- Assemblies are fully customized to filling machine design and process needs
- Needle covers to protect the filling needles until the point of use
- Color coding for simplified installation and quick identification of fill lines.
- Ready-to-use oder ready-to-sterilize



Filling Assembly, 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)
- 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
- Fill finish
- Aseptic 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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