



Biopharma Tubing Manifolds

- Permanent connection prevents product loss
- Seamless, crevice-free, eliminates entrapment areas

With custom-designed manifolds, Parker can mold single- or multi-use systems tailored to your application.

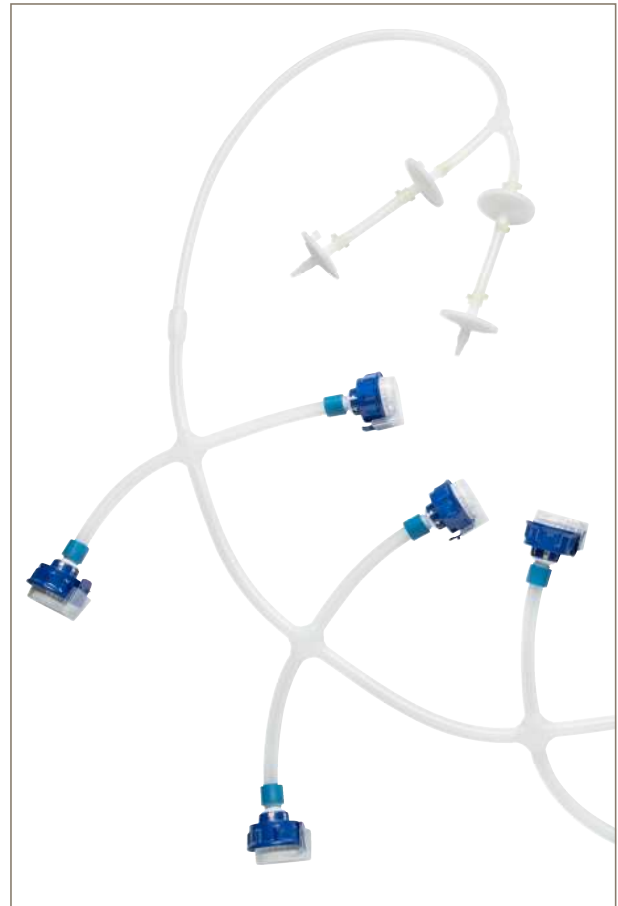
Our proprietary overmolding technology allows for any configuration of Ys, Ts, crosses, reducers, elbows and molded tri-clamps with unlimited lengths between molds. Inside diameters are available from $\frac{1}{8}$ " to 1".

Each silicone mold is molecularly bonded to the tubing by cross-linking of the elastomer chains. This permanent connection prevents product loss and contamination commonly experienced with hose barb failures. Internally, molds are seamless and crevice-free to eliminate entrapment areas and potential contamination.

Molded silicone manifolds can be created out of mitos-P or mitos-R tubing. Additional tubing types, like TPE, can be integrated and assembled to meet your process needs.

Features and Benefits

- Stronger, seamless molded junctions eliminate entrapment areas
- Configured for your requirements
- All materials used in the manufacture of the single manifolds are fully traceable
- Molded silicone manifolds are manufactured free from animal derived components
- Single manifolds can be gamma irradiated
- Storing at room temperature (-65-70 °F) is recommended for silicone manifolds. Shelf-life: physical property test data is available for product stored after irradiation
- Manufactured in a Class 7 (10,000) cleanroom



Molded silicone fittings



Molded silicone fittings are the ideal option when there is need for an easily cleanable assembly, or to reduce the risk of cross-contamination. In each molded fitting, the elastomer chains of the platinum-cured silicone are cross-linked to create a permanent molecular bond to the tubing.



For extra support, we offer a full stainless steel or polysulfone back-up cup on the outside of each molded fitting. Our plastic back-up cups have a unique wraparound design that fully encases the tri-clamp mold.



A special feature of our molded tri-clamp is an integrated gasket. When connected to another fitting, it eliminates 50% of the sealing faces creating seamless and crevice-free fittings.

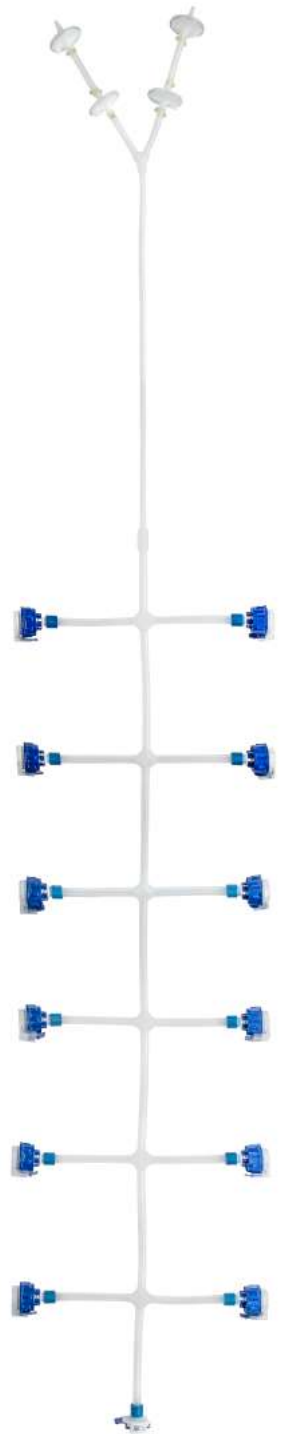
Services

Samples and prototypes of silicone manifolds to fit your application are available upon request.

Open Architecture allows us to work with existing specifications or upgrade to fit your application needs.

Regulatory statements

Statement Available	Result
REACH Compliant	Yes
RoHS Compliant	Yes
Drug Master File <i>(Listing numbers available)</i>	Yes
Latex	No
Phthalates	No
PVC	No
Animal Derived Components	No



Parker technologies can be combined to produce integrated solutions that will speed up development times, increase efficiency and safety, and guarantee reproducible product quality. Visit www.parker.com/biopharmaceuticals



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