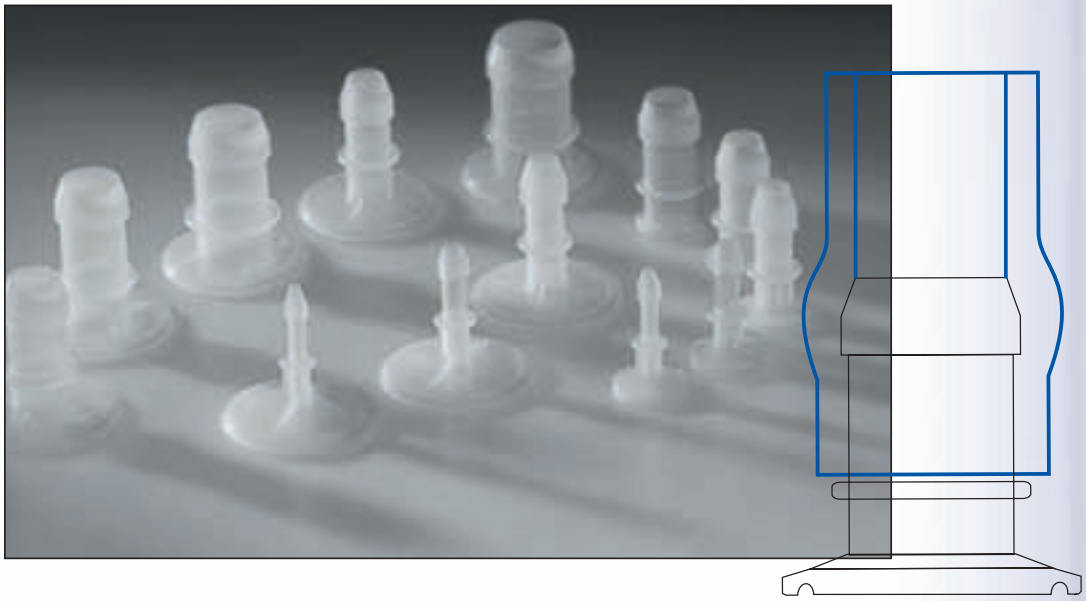

Bio Barb® Adapter

Sensible alternative to molded end tube connections.

The design of the Bio Barb® Adapter lends itself to a cleaner, purer transfer of medium. Sharing the same ID as the tubing it is connected to provides an unimpeded path which allows full drainage, less turbulence and less entrapment area. The oversized barb adds compression between the tube and fitting required to prevent by-pass of the medium to potential entrapment areas. Permanent lot and size identification are molded onto the adapter. Identification aids in the validation of the system as well as eliminate the uncertainty of utilizing incorrect adapters with your tubing.

The Bio Barb® Adapter is available in polypropylene resin in the following sizes:

Mini TC by
1/8", 1/4", 3/8",1/2" and 5/8" barbs

1'/1.5" TC by
1/8", 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1" barbs.

The resin that is utilized complies to USP Class VI, EP 3.1 and FDA regulations and requirements.

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Your pharmaceutical manufacturing specialist
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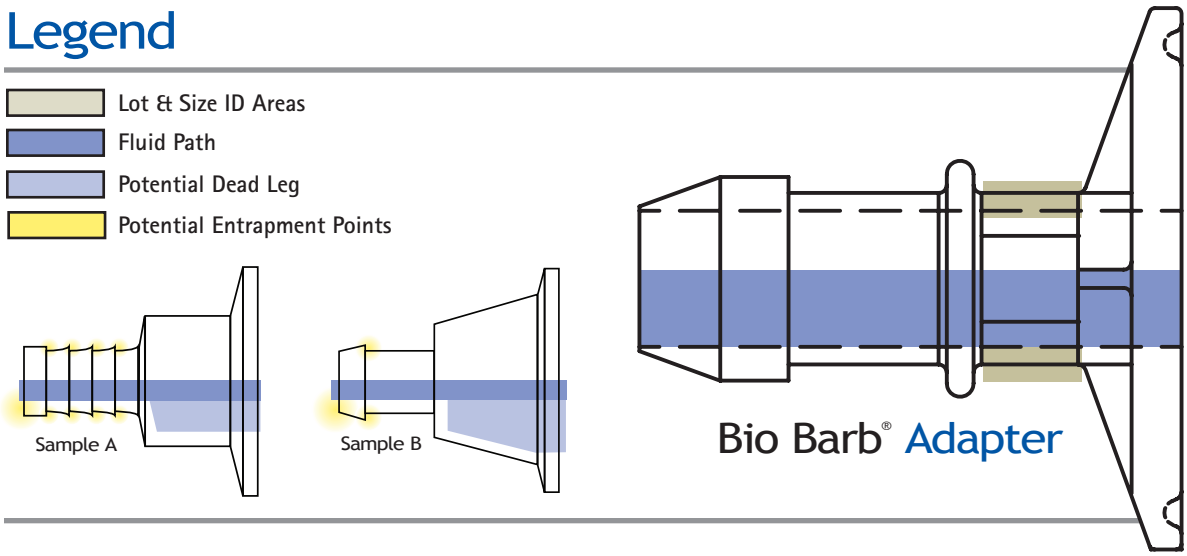
Bio Barb® Adapter

The Design of the Bio Barb Adapter lends itself to a cleaner, purer transfer of medium.

Pronounced entrapment areas exist at the leading edge of the barbs on Samples A & B. The Bio Barb® Adapter is designed with a smooth transition point at the tubing/adapter interface. The oversized barb on the Bio Barb® Adapter increases compression between the tube and barb. Added compression significantly reduces fluid by-pass which reduces entrapment. True bore ID through the entire adapter eliminates deadleg within the adapter itself.

Legend



Bio Barb® Adapter vs. Typical Adapter Design

Features	Bio Barb® Adapter	Sample A	Sample B
True Bore ID	Yes	No	No
Permanent Size Identification	Yes	No	No
Permanent Lot Identification	Yes	No	No
Potential Dead Leg	No	Yes	Yes
Potential Entrapment Area	No	Yes	Yes
Drug Master File for Resin	Yes	Unknown	Unknown
Engineered Connection System	Yes	No	No
Full Range of Sizes	Yes	Yes	No

Physical properties provided as general guidelines only. It is the end-users responsibility to ensure that the above mentioned products are compatible with the intended application and that the products are in compliance with all applicable regulatory requirements for use. User assumes all risk of usage.

For additional information please contact:

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