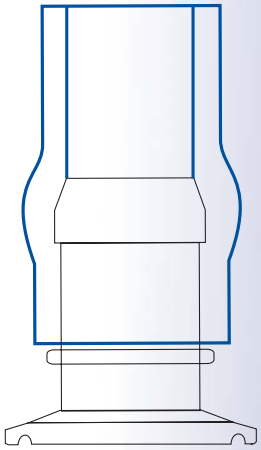
Bio Barb Adapter

The Bio Barb Adapter provides a cleaner, purer transfer of medium.

True-bore ID results in full drainage with less turbulence and entrapment because the Bio Barb Adapter perfectly matches tubing ID: flow levels between tubing and the adapter are always compatible. Eliminate time-consuming flow calculations by using the Bio Barb Adapter which achieves the same effect as a modeled end with the flexibility of in-house installation. The unique over-sized barb adds compression between the tube and fitting, providing a secure connection without cumbersome ties. The Bio Barb is the only adapter with permanent size and lot number identification to ensure proper use and easy traceability. Non-metallic polypropylene sanitary flange conforms to ISO 2852.



Bio Barb Adapters are available in: 1" and 1.5" sanitary flange by .125", .25", .375", .5", .625", .75", .875" and 1" hose barb.

Bio Barb Mini-Sanitary Flange Adapters are available in: Mini sanitary flange by .125", .25", .375", .5" and .625" hose barb.

Bio Barb Adapter Features:

- Disposable
- Autoclave or irradiate to sterilize
- True-bore ID
- Size and lot number permanently molded onto the component
- Strong adhesion without ties
- Constructed of polypropylene with a drug master file resin that conforms to FDA and USP Class VI requirements.
- Maximum recommended working pressure, 150psi @ 70° F when attached to tubing.

Use the Bio Barb Adapter with:

- Bioprocess containers
- Bioreactors
- Fermentors
- Flexible packaging systems
- Filling machines
- Filtration and purification systems
- Mixing containers and vessels
- Sampling ports
- Tubing Sets

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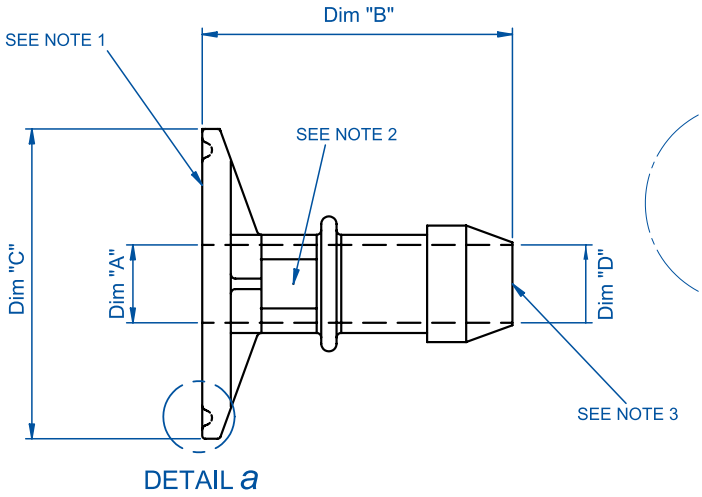
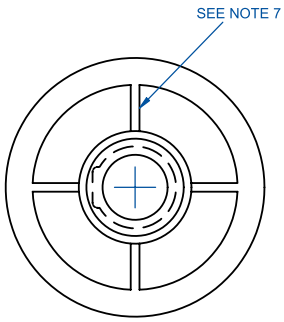
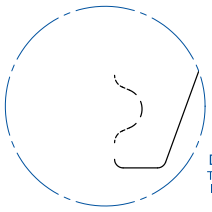
Bio Barb Adapter

Dimensional and Physical Properties







DETAIL *a*
TO CONFORM TO RELEVANT
ISO, BS & DIN STANDARDS

NOTES:
1. THIS FACE TO BE FLAT TO 0.15 mm.
2. BATCH CODE TO BE MOULDED ON PART IN THIS AREA.
3. NO FLASH OR IMPERFECTION PERMISSABLE ON FRONT EDGE OF M
4. NO CONTAMINATION ALLOWED.
5. MAXIMUM SPLIT LINE FLASH 0.2 mm.
6. PART TO BE MANUFACTURED IN CLEANROOM ENVIROMENT.
7. INJECTION GATE MARK TO BE TRIMMED FLUSH.

Size TC x HB	Part Number	Dim "A" (in)	Dim "B" (in)	Dim "C" (in)	Dim "D" (in)	Max Working Pres. (psi)
Mini x 1/8"	PPMINITC0125BB	.125"	1.698"	.985"	.125"	150
Mini x 1/4"	PPMINITC0250BB	.250"	1.661"	.985"	.250"	150
Mini x 3/8"	PPMINITC0375BB	.375"	1.880"	.985"	.375"	150
Mini x 1/2"	PPMINITC0500BB	.500"	1.847"	.985"	.500"	150
Mini x 5/8"	PPMINITC0625BB	.625"	1.939	.985"	.625"	150
1"/ 1 1/2" x 1/8"	PP100/150TC0125BB	.125"	1.843"	1.989"	.125"	150
1"/ 1 1/2"x 1/4"	PP100/150TC0250BB	.250"	1.806"	1.989"	.250"	150
1"/ 1 1/2" x 3/8"	PP100/150TC0375BB	.375"	2.026"	1.989"	.375"	150
1"/ 1 1/2" x 1/2"	PP100/150TC0500BB	.500"	1.992"	1.989"	.500"	150
1"/ 1 1/2" x 5/8"	PP100/150TC0625BB	.625"	2.147"	1.989"	.625"	150
1"/ 1 1/2" x 3/4"	PP100/150TC0750BB	.750"	2.147"	1.989"	.750"	150
1"/ 1 1/2" x 7/8"	PP100/150TC0875BB	.875"	2.147"	1.989"	.875"	150
1"/ 1 1/2" x 1"	PP100/150TC1000BB	1.000"	2.147"	1.989"	1.000"	150

Resin Data	Tensile Strength	Flexural Modulus	Hardness	Heat Deflection	Water Absorption	Maximum Recommended Working Temperature F°
Polypropylene used in Bio Barb Adapter	29.5 Mpa (50mm/min) ISO 527-2	1100 Mpa (1mm/min) ISO 527-2	94, R-scale, Rockwell ISO 2039-2	90° C @ .45 Mpa ISO 75-2		180° F

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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