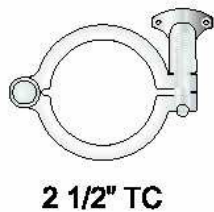
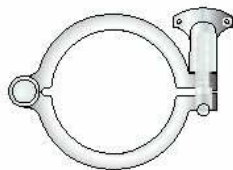
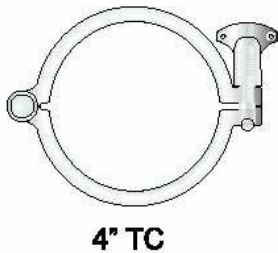


# Bio Clamp

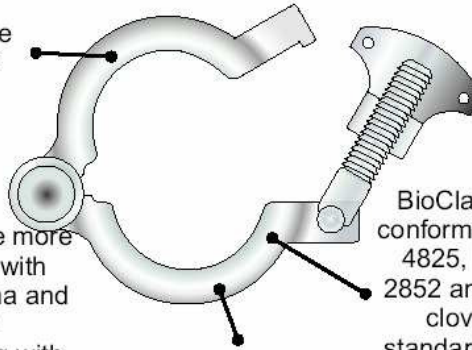
US Patent 6,708,377 B2  
UK Patent GB2361753



BioClamps are moulded from glass-reinforced nylon USP Class VI

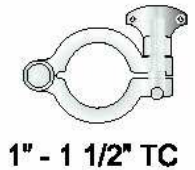
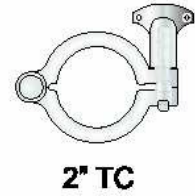
BioClamps are more compatible with current Pharma and Biotech manufacturing with greater flexibility in operation and single-use disposal

BioClamps can be multiply autoclaved at 134°C for 30 minutes



BioClamps conform to BS 4825, ISO 2852 and Tri-clover standards for ferrules and gaskets

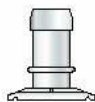
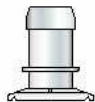
Size	Part Number
1/2" - 3/4" TC	NG075WH
1" - 1 1/2" TC	NG150WH
2" TC	NG200WH
2 1/2" TC	NG250WH
3" TC	NG300WH
4" TC	NG400WH



**Warnings:** Over 6meg rads some weakening and also discolouration may occur. Do not over torque – maximum torque is 2Nm. After autoclaving, Clamps may need to be re-torqued. Not to be used with solid PTFE gaskets / seals.

# Bio Barb Sanitary

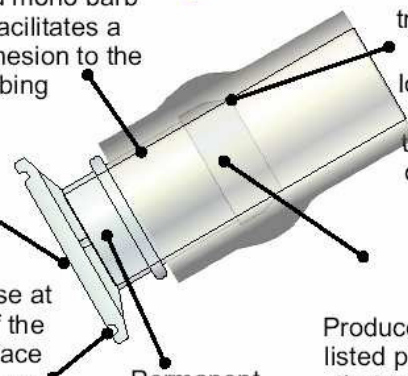
European Patent  
Application EP.0402564.9



Oversized mono barb design facilitates a strong adhesion to the tubing

True bore design through the entire connector

A slight raise at the port of the tri-clover face ensures proper capture of the gasket

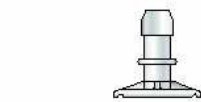


Permanent moulded lot and size identification

Smooth transition from tubing to barb  
Identical ID of barb and tubing allows complete full drainage along an unimpeded path

Produced from DMF listed polypropylene that complies with FDA and USP Class VI test protocols

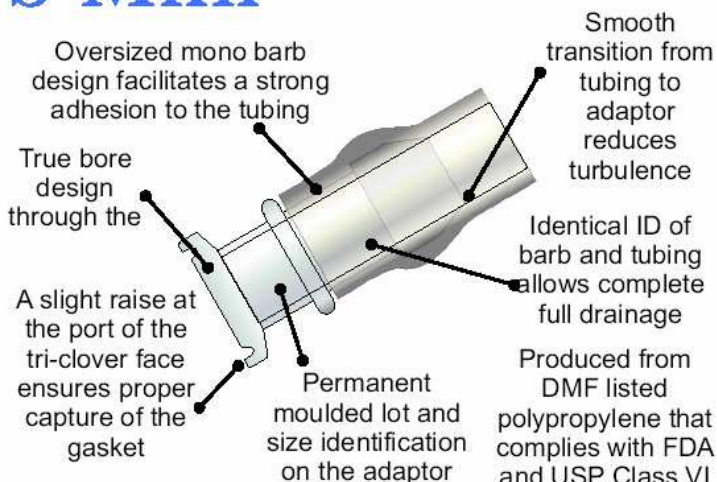
Size	Part Number
1" - 1 1/2" TC to 1/8" Barb	PP100/150TC0125BB
1" - 1 1/2" TC to 1/4" Barb	PP100/150TC0250BB
1" - 1 1/2" TC to 3/8" Barb	PP100/150TC0375BB
1" - 1 1/2" TC to 1/2" Barb	PP100/150TC0500BB
1" - 1 1/2" TC to 5/8" Barb	PP100/150TC0625BB
1" - 1 1/2" TC to 3/4" Barb	PP100/150TC0750BB
1" - 1 1/2" TC to 7/8" Barb	PP100/150TC0875BB
1" - 1 1/2" TC to 1" Barb	PP100/150TC01000BB



**Information:** These "Bio Barb Sanitary"-products are manufactured in an ISO Class 8 Clean Room. These products can be sterilised by gamma irradiation at a dose of 25 kGy or autoclave sterilised at temperature up to 134°C.

# Bio Barb Mini

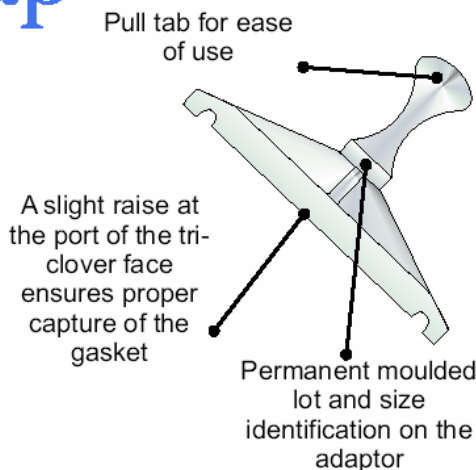
European Patent Application  
EP.0402564.9



Size	Part Number
1/2" - 3/4" TC to 1/8" Barb	PPMINITC0125BB
1/2" - 3/4" TC to 1/4" Barb	PPMINITC0250BB
1/2" - 3/4" TC to 3/8" Barb	PPMINITC0375BB
1/2" - 3/4" TC to 1/2" Barb	PPMINITC0500BB
1/2" - 3/4" TC to 5/8" Barb	PPMINITC0625BB

**Information:** These "Bio Barb Mini"-products are manufactured in an ISO Class 8 Clean Room. These products can be sterilised by gamma irradiation at a dose of 25 kGy or autoclave sterilised at temperature up to 134°C.

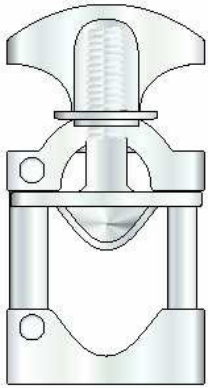
# Bio End Cap



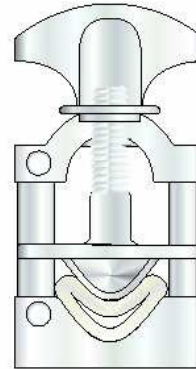
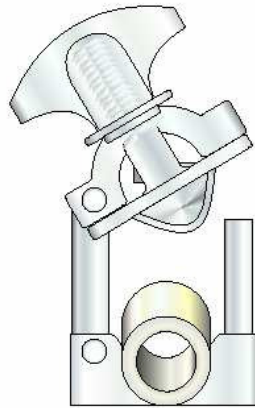
Size	Part Number
1/2" - 3/4" TC End Cap	PEC-500-750
1" - 1 1/2" TC End Cap	PEC-100-150

**Information:** These "Bio End Caps"-products are manufactured in an ISO Class 8 Clean Room. These products can be sterilised by gamma irradiation at a dose of 25 kGy or autoclave sterilised at temperature up to 134°C.

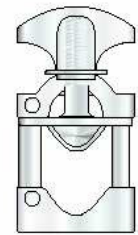
# Bio Valve



1" Bio Valve



Two BioValve sizes: 1/4" to 1/2" tube ID and 1/2" to 1" tube ID. Thread pitch calibrated to 2mm per turn permitting accurate estimate of flow restriction



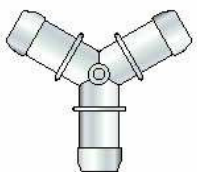
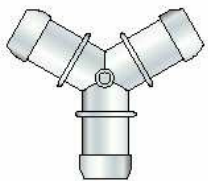
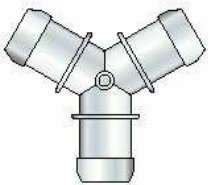
1/2" Bio Valve

Size	Part Number
1" Bio Valve	BV1000NW
1/2" Bio Valve	BV0500NW

**Warnings:** Over 6meg rads some weakening and also discolouration may occur.

# Bio Y's

European Patent Application  
EP.0402564.9

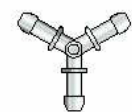
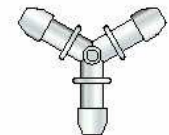
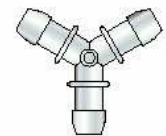
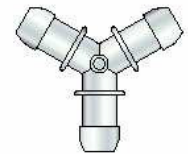


Produced from DMF listed polypropylene that complies with FDA and USP Class VI

The Y-junction splits fluid flow with minimum turbulence and optimum flow-rate

Compression between the tube and fitting eliminates bypass of the media to potential entrapment areas

BioPure Y-BioBarbs are designed with the same performance and operation as the S and M-BioBarbs



Size	Part Number
1/4" ID Y Barb	PP0250BY
3/8" ID Y Barb	PP0375BY
1/2" ID Y Barb	PP0500BY
5/8" ID Y Barb	PP0625BY
3/4" ID Y Barb	PP0750BB
7/8" ID Y Barb	PP0875BY
1" ID Y Barb	PP1000BY

**Information:** These "Bio Y's"-products are manufactured in an ISO Class 8 Clean Room. These products can be sterilised by gamma irradiation at a dose of 25 kGy or autoclave sterilised at temperature up to 134°C.