

## BIOBARB FITTINGS

**NEW**

Disposable tube connectors

- Reduced risk of cross-contamination
- Eliminate cleaning requirements
- Maximise process uptime
- Reduce production cycle time
- Greater assurance of sterility



Completing the Watson-Marlow sterile pumping package

# Make the connection

Pharmaceutical and biotechnology processes demand sterility to ensure the integrity and quality of the end product. With the BioBarb connector range, we now can provide a total hygienic solution from source to delivery. The range includes connectors, end-caps and clamps, available in a choice of sizes to provide a cost-effective, pure, disposable connection system for media transfer.



Clamps, end-cap, Y-piece and connector



## BioBarb connectors

Size TC x Barb bore	For tubing bore	Unit of measure	Watson-Marlow part number
Mini x 1/8in	3.2mm	pack 10	999.B032.PMC
Mini x 1/4in	6.4mm	pack 10	999.B064.PMC
Mini x 3/8in	9.6mm	pack 10	999.B096.PMC
Mini x 1/2in	12.7mm	pack 10	999.B127.PMC
Mini x 3/4in	15.9mm	pack 10	999.B159.PMC
1/1 1/2in x 1/8in	3.2mm	pack 10	999.B032.POC
1/1 1/2in x 1/4in	6.4mm	pack 10	999.B064.POC
1/1 1/2in x 3/8in	9.6mm	pack 10	999.B096.POC
1/1 1/2in x 1/2in	12.7mm	pack 10	999.B127.POC
1/1 1/2in x 3/4in	15.9mm	pack 10	999.B159.POC
1/1 1/2in x 1in	19.0mm	pack 10	999.B190.POC
1/1 1/2in x 1 1/8in	22.3mm	pack 10	999.0223.POC
1/1 1/2in x 1 1/2in	25.4mm	pack 10	999.B254.POC

## BioBarb clamps

Tri-Clamp style	Unit of measure	Watson-Marlow part number
Mini	each	999.C190.NMC
1in-1 1/2in	each	999.C380.NMC

## BioBarb Y-connectors

For tubing bore	Unit of measure	Watson-Marlow part number
1/8in	pack 10	999.B064.PBB
3/8in	pack 10	999.B096.PBB
1/2in	pack 10	999.B127.PBB
5/8in	pack 10	999.B159.PBB
3/4in	pack 10	999.B190.PBB
7/8in	pack 10	999.0223.PBB
1in	pack 10	999.B254.PBB

## Disposable BioBarb connectors and end-caps

- The inner diameter of BioBarb connectors is identical to the tubing, which allows drainage along an unimpeded path
- The oversized single-barb achieves secure adhesion to the tubing: cable ties may not always be required
- Compression between the tube and fit-

## BioBarb end-caps

Tri-Clamp style	Unit of measure	Watson-Marlow part number
Mini	pack 10	999.E190.PMC
1in-1 1/2in	pack 10	999.E380.POC

## BioBarb gaskets: silicone

Tri-Clamp style	Gasket bore	Unit of measure	Watson-Marlow part number
1/8in Mini	3/8in	each	999.G127.SMC
3/8in Mini	5/8in	each	999.G190.SMC
1in	7/8in	each	999.G254.SMC
1in-1 1/2in	1 3/8in	each	999.G380.SMC

## BioBarb gaskets: EPDM

Tri-Clamp style	Gasket bore	Unit of measure	Watson-Marlow part number
1/8in Mini	3/8in	each	999.G127.EMC
3/8in Mini	5/8in	each	999.G190.EMC
1in	7/8in	each	999.G254.EMC
1in-1 1/2in	1 3/8in	each	999.G380.EMC

ting eliminates fluid by-pass to potential entrapment areas

- Permanent moulded lot and size identification on the connector ensures traceability and prevents incorrect usage. Part number, size, date, lot number and statement of compliance appear on the packaging
- BioBarb connectors and end caps are manufactured from DMF-listed polypropylene that complies with FDA and USP Class VI test protocols
- End-caps feature a unique pull tab to ensure easy removal without damage to any material it contacts
- The equal 120deg angles of clean-room-produced Y-connectors eliminate the necessity for T-connectors

## BioBarb clamps

- Manufactured from glass-reinforced nylon compliant with USP Class VI
- The clamp reduces risk of heat damage to plastic components such as filter vessels, unlike stainless steel
- Suitable for multiple autoclave operations at 134C for 30 minutes, and irradiation to 60kGy (6 Mrad)
- Perforated wing nut to accommodate a tamper-proof security tie
- Standard sizes available 1/8in - 3/4in Mini, 1in - 1 1/2in Tri-clamp

## Quick, secure, economical tube connections

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**WARNING** These products are not designed for use in, and should not be used for, patient-connected applications.

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