

Features and benefits

- Lot numbers molded in for full traceability
- Full through bore diameter ensures a smooth transition with no obstructions
- Identical internal diameter of barb and tubing allows drainage along an unimpeded flow path
- Enhanced Tri-Clamp design reduces the risk of a seal failure
- Suitable for sterilization by autoclave and gamma irradiation
- Precision compression between tube and BioBarb eliminates flow by-pass and media entrapment



Technical specifications

	BioBarb
Max. operating pressure	4 bar
Max. operating pressure	58 psi
Fluid temperature range	5 to 40 °C
Fluid temperature range	40 to 104 °F
Operating temperature range	-4 to 40 °C
Operating temperature range	23 to 104 °F
Autoclave stability	135 °C (275 °F) for 30 minutes
Gamma stability	50kGy
Shelf life	5 years
Certification and compliance	ADCF, ISO 14644-1 Class 7, ISO 9001, ISO10993, USP Class VI
Size	1 HB, 1/2 HB, 1/4 HB, 1/8 HB, 3/4 HB, 3/8 HB, 5/8 HB, 7/8 HB in
TC Size	½-¾ TC - 1-1½ TC in
Quantity	10 PCS

Materials of construction

	BioBarb
Material	Natural PP

Product codes

Part Number	Description	TC Size	Bore Size	To Suit Tubing ID	
PPSTC0125BB	1 1/2" TC to 1/8" Bore	1" - 1 1/2"	1/8"	1/8" - 1/4"	3.2 mm - 6.4 mm
PPSTC0250BB	1 1/2" TC to 1/4" Bore	1" - 1 1/2"	1/4"	1/4" - 3/8"	6.4 mm - 9.6 mm
PPSTC0375BB	1 1/2" TC to 3/8" Bore	1" - 1 1/2"	3/8"	3/8" - 1/2"	9.6 mm - 12.7 mm
PPSTC0500BB	1 1/2" TC to 1/2" Bore	1" - 1 1/2"	1/2"	1/2" - 5/8"	12.7 mm - 15.9 mm
PPSTC0625BB	1 1/2" TC to 5/8" Bore	1" - 1 1/2"	5/8"	5/8" - 3/4"	15.9 mm - 19 mm
PPSTC0750BB	1 1/2" TC to 3/4" Bore	1" - 1 1/2"	3/4"	3/4" - 7/8"	19mm - 22.2mm
PPSTC0875BB	1 1/2" TC to 7/8" Bore	1" - 1 1/2"	7/8"	7/8" - 1"	22.2 mm - 25.4 mm
PPSTC1000BB	1 1/2" TC to 1" Bore	1" - 1 1/2"	1"	1"	25.4mm
PPMTC0125BB	1/2" - 3/4" TC to 1/8" Bore	1/2" - 3/4"	1/8"	1/8" - 1/4"	3.2 mm - 6.4 mm
PPMTC0250BB	1/2" - 3/4" TC to 1/4" Bore	1/2" - 3/4"	1/4"	1/4" - 3/8"	6.4 mm - 9.6 mm
PPMTC0375BB	1/2" - 3/4" TC to 3/8" Bore	1/2" - 3/4"	3/8"	3/8" - 1/2"	9.6 mm - 12.7 mm
PPMTC0500BB	1/2" - 3/4" TC to 1/2" Bore	1/2" - 3/4"	1/2"	1/2" - 5/8"	12.7 mm - 15.9 mm
PPMTC0625BB	1/2" - 3/4" TC to 5/8" Bore	1/2" - 3/4"	5/8"	5/8"	15.9 mm - 19 mm

Disclaimer: The information contained in this document is believed to be correct but Watson-Marlow Limited accepts no liability for any errors it contains and reserves the right to alter specifications without notice. It is the user's responsibility to ensure product suitability for use within their application. Watson-Marlow and WMArchitect are registered trademarks of Watson-Marlow Limited. BioClamp, BioBarb, FlatBioEndCap, BioEndCap, BioValve and BioTube applicator are Trademarks of BioPure Technology Limited. Tri-Clamp is a registered trademark of Alfa Laval Corporate AB. Q-Clamp is used under licence.

wmfts.com/global



04 July 2024