

VENABIO® PUMP

This product is specially designed to work in long lasting pump cycles, where silicone would need to be replaced midbatch.

MATERIAL

Thermoplastic vulcanizate.

Hardness	Shore A	68±5
Tensile strength	N/mm ²	>4,1
Elongation	%	>330
Tear strength	kN/m	>8
Density	g/cm ³	0.92±0.02

DESCRIPTIONS

The average pump life when proper maintenance is followed is in the thousand-hour range.

It is important to mention that a thermoplastic is heat sensitive, so dry heat, SIP and autoclave sterilization cycles will shorten its life considerably, therefore it should only be used when the application is single use.



Roll length

Available in 25ft and 50ft



Clean room

Manufactured in ISO14644-1 Class 7



Temperature

-45°C / +135°C
(-49°F / +275°F)



Pumplife

Longest pumplife available



Double bag

Double bagged under vacuum



Animal free

Animal derived component free



Radiostable

Gamma/eBeam sterilization available

STERILIZATION

- Autoclave ¹
- CIP
- SIP ¹
- Ethylene oxide
- Hydrogen peroxide
- eBeam (25kGy)
- Gamma (25kGy)*

1 : the responsibility of the end-user to assess the risk. Compatible method for a few cycles since product is heat sensitive.

*Sterilization available prior shipment.

BIOCOMPATIBILITY ²

- USP 88; Class VI
- Restriction of Hazardous Substances (RoHS)
- REACH Registration, Evaluation, Authorization and Restriction of Chemicals (EC 1907/2006)

ADDITIONAL INFORMATION

² Genetically Modified Organisms

(GMO) Free

² Phthalates Free

² TSE/BSE Free

² Bisphenol A (BPA) Free

² Latex and other allergens Free

² Asbestos Free

² Nitrosamines, N-nitrosatable compounds Free

Reference	ID (mm, inches)	OD (mm, inches)	Wall (mm, inches)
920088100205	1,6 (1/16)	4,8 (3/16)	1,6 (1/16)
920088100306	3,2 (1/8)	6,4 (1/4)	1,6 (1/16)
920088100508	4,8 (3/16)	7,9 (5/16)	1,6 (1/16)
920088100610	6,4 (1/4)	9,5 (3/8)	1,6 (1/16)
920088100611	6,4 (1/4)	11,1 (7/16)	2,4 (3/32)
920088100811	7,9 (5/16)	11,1 (7/16)	1,6 (1/16)
920088100813	7,9 (5/16)	12,7 (1/2)	2,4 (3/32)
920088101014	9,5 (3/8)	14,3 (9/16)	2,4 (3/32)
920088101016	9,5 (3/8)	15,9 (5/8)	3,2 (1/8)
920088101319	12,7 (1/2)	19,1 (3/4)	3,2 (1/8)

Additional dimensions not included in the table may be available upon request.

Please contact your designated sales representative for further information.

This technical data sheet applies to all VENABIO® PUMP tubes with reference 9200881*.

CONTACT

