

VENABIO[®] PUMP

MATERIAL

Thermoplastic vulcanizate.

Hardness	Shore A	62,5
Tensile strength	N/mm ²	>80
Elongation	%	>250
Tear strength	kN/m	21
Density	g/cm ³	0,92

DESCRIPTION

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



INK MARKED

Traceable with reference, lot number and ID/OD



DOUBLE BAG

Double bagged under vacuum (see page 5)



ANIMAL FREE

Animal derived component free



RADIOSTABLE

Gamma/eBeam sterilization available



STERILIZATION

- Autoclave¹
- CIP
- SIP¹
- Ethylene oxide
- Hydrogen peroxide
- eBeam (25kGy)*
- Gamma (25kGy)*

¹Limited: compatible method for a few cycles since product is heat sensitive.
*Sterilization available prior shipment.

METRIC (mm)			IMPERIAL (inches)			Reference
ID	OD	WALL	ID	OD	WALL	9200881*
1,6	4,8	1,6	1/16	3/16	1/16	920088100205
3,2	6,4	1,6	1/8	1/4	1/16	920088100306
4,8	7,9	1,6	3/16	5/16	1/16	920088100508
6,4	9,5	1,6	1/4	3/8	1/16	920088100610
6,4	11,1	2,4	1/4	7/16	3/32	920088100611
7,9	11,1	1,6	5/16	7/16	1/16	920088100811
7,9	12,7	2,4	5/16	1/2	3/32	920088100813
9,5	14,3	2,4	3/8	9/16	3/32	920088101014
9,5	15,9	3,2	3/8	5/8	1/8	920088101016
12,7	19,1	3,2	1/2	3/4	1/8	920088101319

BIOCOMPATIBILITY*

- ADCF
- P/BPA
- BSE/TSE
- FDA 21CFR177.2600
- USP 87
- USP 88
- ISO 10993-4
- ISO 10993-5

*For complete validation package, please contact your sales representative.

MORE VENABIO®

- Silicone:
 - Flow Pumpgrade
 - Flow Multipurpose
 - Flow High Pressure
 - Precision
 - Braided
 - Double Braided
 - Braided High Pressure
- Thermoplastics:
 - Weld
- Fluorinated
 - FEP
 - PTFE

IMPORTANT: The Company reserves the right to change, amend, modify, suspend, continue or terminate all or any part of this Catalogue at any time without notice. It is the user's responsibility to ensure the suitability and safety of the VENAIR products for all intended uses. All the tests must be conducted in accordance with applicable regulatory requirements in order to determine the safety and effectiveness for use of the hoses in any particular application.

LIMITED WARRANTY: For a period of 6 months from the date of sale, VENAIR warrants this product to be free from defects in materials and workmanship. Our only obligation will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risk, if any, including the risk of injury, loss or damage, direct or consequential, arising out of the use, misuse, or inability to use, this product. This warranty is in lieu of the warranties of merchantability, fitness for particular purpose, and all other warranties, expressed implied. No deviation is authorized. VENAIR assumes no obligations or liability for any advice furnished by it, or for results obtained with respect to those products. All such advice is given and accepted at the buyer's risk.

Vena, Venair and the Venair logo are trademarks of Venair Ibérica SA.

BROCH 2 REV 02 EN
Copyright 2020 | Venair Group | All Rights Reserved

www.venair.com

venAir
BIOTECH