

VENABIO[®] FLOW

PUMP GRADE

For the applications where low flow variations and long pump life are of the utmost importance, lower hardness is recommended.

MATERIAL

Platinum cured silicone. Postcured to completely eliminate volatiles.

Hardness	Shore A	50
Tensile strength	N/mm ²	>7
Elongation	%	>350
Tear strength	kN/m	>20
Density	g/cm ³	1,13

DESCRIPTION

Silicone tubing is the basic material upon any single use process is built.

Its great overall performance and resistance to temperature, moist, ozone and steam and high biocompatibility makes it the product of choice for all stages of bioprocessing, from drug formulation, upstream processing and all downstream's critical steps from separation to final fill.



ROLL LENGTH

Available in 50ft and 100ft



CLEAN ROOM

Manufactured in ISO14644-1 Class 7



TEMPERATURE

-60°C / +220°C
(-76°F / +428°F)



SMOOTHNESS

Reduces protein binding and biofilm formation



LASER ETCHED

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

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

*Sterilization available prior shipment.

BIOCOMPATIBILITY*

- ADCF
- P/BPA
- BSE/TSE
- EU 10/2011
- EU 1935/ 2004
- BfR XV
- 3A 18-03
- EP 3.1.9.
- FDA 21CFR177.2600
- USP 85
- USP 87
- USP 88
- USP 381
- USP 788
- ISO 10993-4
- ISO 10993-5
- ISO 10993-6
- ISO 10993-10
- ISO 10993-11
- Extractables & leachables

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

MORE VENABIO®

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

Reference	ID	OD	Wall	PUMP SIZE
9200851*	mm (inches)	mm (inches)	mm (inches)	
920085100082	0,8 (1/32)	2,4 (3/32)	0,8 (1/32)	-
920085100103	1,6 (1/16)	3,2 (1/8)	0,8 (1/32)	-
920085100105	1,6 (1/16)	4,8 (3/16)	1,6 (1/16)	14
920085100106	1,6 (1/16)	6,4 (1/4)	2,4 (3/32)	119
920085100204	2,4 (3/32)	4,0 (5/32)	0,8 (1/32)	-
920085100205	2,4 (3/32)	5,6 (7/32)	1,6 (1/16)	-
920085100305	3,2 (1/8)	4,8 (3/16)	0,8 (1/32)	-
920085100306	3,2 (1/8)	6,4 (1/4)	1,6 (1/16)	16
920085100308	3,2 (1/8)	7,9 (5/16)	2,4 (3/32)	120
920085100309	3,2 (1/8)	9,5 (3/8)	3,2 (1/8)	-
920085101408	3,6 (1/7)	7,8 (4/13)	2,1 (1/12)	-
920085100405	4,0 (5/32)	5,6 (7/32)	0,8 (1/32)	-
920085100407	4,0 (5/32)	7,1 (9/32)	1,6 (1/16)	-
920085100408	4,0 (5/32)	8,7 (11/32)	2,4 (3/32)	-
920085100506	4,8 (3/16)	6,4 (1/4)	0,8 (1/32)	-
920085100508	4,8 (3/16)	7,9 (5/16)	1,6 (1/16)	3 - 25
920085100509	4,8 (3/16)	9,5 (3/8)	2,4 (3/32)	15
920085100511	4,8 (3/16)	11,1 (7/16)	3,2 (1/8)	123
920085100608	6,4 (1/4)	7,9 (5/16)	0,8 (1/32)	-
920085100609	6,4 (1/4)	9,5 (3/8)	1,6 (1/16)	17
920085100611	6,4 (1/4)	11,1 (7/16)	2,4 (3/32)	24
920085100613	6,4 (1/4)	12,7 (1/2)	3,2 (1/8)	26
920085100811	7,9 (5/16)	11,1 (7/16)	1,6 (1/16)	18
920085100813	7,9 (5/16)	12,7 (1/2)	2,4 (3/32)	35
920085100814	7,9 (5/16)	14,3 (9/16)	3,2 (1/8)	-
920085100913	9,5 (3/8)	12,7 (1/2)	1,6 (1/16)	96
920085100914	9,5 (3/8)	14,3 (9/16)	2,4 (3/32)	73
920085100916	9,5 (3/8)	15,9 (5/8)	3,2 (1/8)	81
920085101114	11,1 (7/16)	14,3 (9/16)	1,6 (1/16)	-
920085101316	12,7 (1/2)	15,9 (5/8)	1,6 (1/16)	-
920085101317	12,7 (1/2)	17,5 (11/16)	2,4 (3/32)	-
920085101319	12,7 (1/2)	19,1 (3/4)	3,2 (1/8)	82
920085101322	12,7 (1/2)	22,2 (7/8)	4,8 (3/16)	88
920085101622	15,9 (5/8)	22,2 (7/8)	3,2 (1/8)	184
920085101925	19,1 (3/4)	25,4 (1)	3,2 (1/8)	-
920085101928	19,1 (3/4)	28,6 (1 1/8)	4,8 (3/16)	90 - 191
920085102532	25,4 (1)	31,8 (1 1/4)	3,2 (1/8)	-
920085102535	25,4 (1)	34,9 (-)	4,8 (3/16)	-
920085102538	25,4 (1)	38,1 (1 1/2)	6,4 (1/4)	-

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