

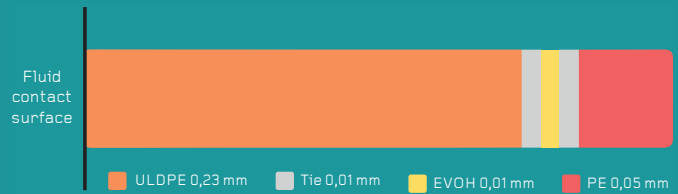
# VENABIO<sup>®</sup> BAG

## MATERIAL

Film thickness	mm	0,325
Haze	%	7
Clarity	%	97
Transmittance	%	93
Elongation at break	MPa	13
Elastic modulus	%	300
Break at cold temperature	°C	<45
Density	g/cm <sup>3</sup>	0,9
Water vapour transmission rate (23°C; 100% HR)	g/(m <sup>2</sup> ·day)	0,32
Oxygen permeability (23°C; 0% HR)	cm <sup>3</sup> /(m <sup>2</sup> ·day·bar)	0,05
Carbon dioxide permeability (23°C; 0% HR)	cm <sup>3</sup> /(m <sup>2</sup> ·day·bar)	0,02

## DESCRIPTION

VenaBio<sup>®</sup> Bag is a single use bioprocessing container suitable for media and buffer formulation, storage, mixing and transportation. They help increase plant productivity by avoiding cleaning validation. The ethylene vinyl alcohol 0,01mm layer provides high oxygen and moisture impermeability equivalent to 1m thick of PE.



ISO 7

### CLEAN ROOM

Manufactured in  
ISO14644-1 Class 7



### DOUBLE BAG

Double bagged under  
vacuum (see page 5)



### RADIOSTABLE

Gamma/eBeam  
sterilization available



### ANIMAL FREE

Animal derived  
component free



### SINGLE-USE

Preassembled SUS,  
custom shapes and sizes

## ASSEMBLIES

Volume [L]	0,5	2	5	10	20	50
Luer	○	○	○			
Quick connect	○	○	○	○	○	○
Triclamp	○	○	○	○	○	○

## STERILIZATION

- eBeam (25kGy)\*
- Gamma (25kGy)\*

\*Sterilization available prior shipment.

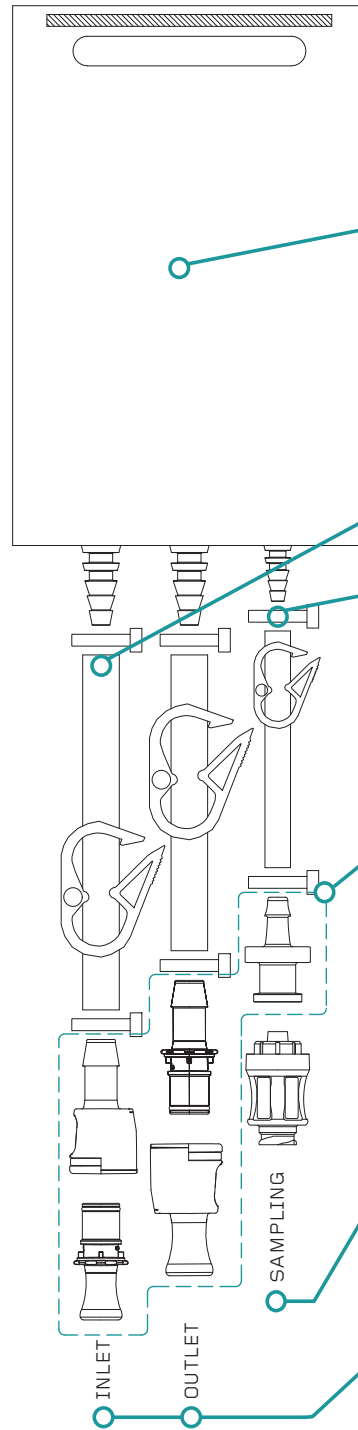
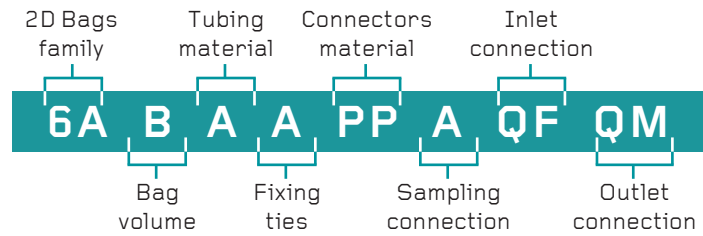
## BIOCOMPATIBILITY

- ADCF
- USP <85>
- USP <87>
- USP <88>
- USP <661>
- ISO 10993-4
- ISO 10993-5
- ISO 10993-6
- ISO 10993-10
- ISO 10993-11
- EP <3.1.5>

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
  - Pump
- Fluorinated
  - FEP
  - PTFE



	CODE	MEANING
VOLUME	A	0,5L
	B	2L
	C	5L
	D	10L
	E	20L
	F	50L

	CODE	MEANING
TUBING	A	Flow
	B	Weld
	C	Pump

	CODE	MEANING
FIXING	A	Nylon
	B	Oetiker

	CODE	MEANING
MATERIAL	PP	Polypropylene
	PC	Polycarbonate
	PV	Polyvinylidene

	CODE	MEANING
SAMPLING	A	Swabable- needlefree
	0	Plug

	CODE	MEANING
INLET / OUTLET*	00	Plug
	LM	Luer Male
	LF	Luer Female
	MN	Miniclamp
	MX	Maxiclamp
	QM	RQC Male
	QF	RQC Female
	XM	RQX Male
	XF	RQX Female
	SN	Swabable-needlefree

\*The code order is first inlet and last outlet.

**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.

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