

VENABIO[®] FEP

MATERIAL

Fluorinated ethylene propylene.

Hardness	Shore D	56
Tensile strength	MPa	30
Elongation	%	325

DESCRIPTION

This is a fluoropolymer tubing especially recommended for the most aggressive chemicals, pressurized gas transfer and abrasive particles in the pharmaceutical and biopharm processes. It is highly transparent and semi-flexible.

This product is gamma stable.



ROLL LENGTH
Available in 25ft



TEMPERATURE
-200°C / +205°C
(-328°F / +421°F)



UNIVERSAL
Universal chemical
compatibility



LOW PERMEABILITY
Pressurized gas
transfer



ANIMAL FREE
Animal derived
component free



RADIOSTABLE
Gamma/eBeam
sterilization available



STERILIZATION

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

*Sterilization available prior shipment.

Reference	ID	OD	Wall	Working pressure	Burst pressure	Bending radius
9220110*	mm (inches)	mm (inches)	mm (inches)	Bar (PSI) at 20°C	Bar (PSI) at 20°C	mm (inches)
922011000082	0,8 (1/32)	1,6 (1/16)	0,4 (1/63)	27 (392)	81 (1175)	6,4 (1/4)
922011000204	1,6 (1/16)	3,2 (1/8)	0,8 (1/32)	27 (392)	81 (1175)	12,7 (1/2)
922011000305	3,2 (1/8)	5,2 (13/64)	1 (3/76)	20 (290)	60 (870)	27,0 (1 2/31)
922011000406	4 (3/19)	6 (13/55)	1 (3/76)	18 (261)	54 (783)	36,0 (1 5/12)
922011000507	4,8 (1/5)	6,8 (15/56)	1 (3/76)	15,9 (230)	47,6 (691)	46,2 (1 32/39)
922011010507	5 (12/61)	7 (8/29)	1 (3/76)	-	-	-
922011010608	6 (13/55)	8 (23/73)	1 (3/76)	-	-	-
922011000608	6,4 (1/4)	8,4 (1/3)	1 (3/76)	12,9 (187)	38,6 (560)	70,6 (2 7/9)
922011000810	7,9 (5/16)	9,9 (25/64)	1 (3/76)	-	-	-
922011010810	8 (23/73)	10 (37/94)	1 (3/76)	-	-	-
922011001012	9,5 (3/8)	11,5 (29/64)	1 (3/76)	9,3 (187)	27,9 (405)	132,3 (5 6/29)
922011011012	10 (37/94)	12 (43/91)	1 (3/76)	-	-	-
922011001214	12 (43/91)	14 (43/78)	1 (3/76)	-	-	-
922011001315	12,7 (1/2)	14,7 (37/64)	1 (3/76)	7,4 (107)	22,1 (320)	216,1 (8 34/67)

BIOCOMPATIBILITY*

- ADCF
- P/BPA
- BSE/TSE
- FDA 21CFR177.1550
- USP 88

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

MORE VENABIO®

- Silicone:
 - Flow Pumpgrade
 - Flow Multipurpose
 - Flow High Pressure
 - Precision
 - Braided
 - Braided Plus
 - Double Braided
 - Braided High Pressure
- Thermoplastics:
 - Pump
 - Weld
- Fluorinated
 - 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.

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