

VENABIO®

DOUBLE BRAIDED

This product is braided twice using a polyester yarn and a silicone layer between them. This provides moderate pressure resistance and a maximum of 180°C.

MATERIAL

Platinum cured silicone. Postcured to completely eliminate volatiles.

Hardness	Shore A	60 +/- 5
Tensile strength	N/mm ²	>7
Elongation	%	>300
Tear strength	kN/m	>20
Density	g/cm ³	1,16 +/- 0,02

DESCRIPTIONS

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 25ft and 50ft



Clean room

Manufactured in ISO14644-1 Class 7



Temperature

-60°C / +180°C
(-76°F / +356°F)



Radiostable

Gamma sterilization available



Laser etched

Traceable with reference, lot number and ID/OD



Double bag

Double bagged under vacuum



Animal free

Animal derived component free



Smoothness

Reduces protein binding and biofilm formation

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 87
- USP 88
- USP 788
- ISO 10993-4
- ISO 10993-5
- ISO 10993-10
- ISO 10993-11
- Extractables & leachables

*For complete validation package, please contact your sales representative

Reference	ID (mm, inches)	OD (mm, inches)	Wall (mm, inches)	Working Pressure (bar/PSI at 20°C)	Burst Pressure (bar/PSI at 20°C)
920085500005	5.10 (1/5)	13.10 (33/64)	4.00 (3/19)	25.2 (365)	75.5 (1095)
920085500006	6.40 (1/4)	16.10 (45/71)	4.85 (17/89)	23.7 (344)	71.2 (1033)
920085500008	7.90 (5/16)	18.00 (17/24)	5.05 (1/5)	22.9 (331)	68.5 (994)
920085500010	9.50 (3/8)	20.00 (37/47)	5.25 (6/29)	22.3 (324)	66.9 (971)
920085500012	12.70 (1/2)	22.70 (42/47)	5.00 (12/61)	19.4 (282)	58.3 (846)
920085500015	15.90 (5/8)	27.10 (11/15)	5.60 (15/68)	17.0 (246)	50.9 (739)
920085500019	19.10 (3/4)	30.60 (117/83)	5.75 (12/53)	15.6 (226)	46.8 (678)
920085500022	22.20 (7/8)	33.20 (14/13)	5.50 (21/97)	14.0 (202)	41.9 (607)
920085500025	25.40 (1)	37.00 (137/81)	5.80 (8/35)	12.5 (181)	37.5 (544)
920085500028	28.00 (1 4/39)	41.60 (144/69)	6.80 (15/56)	11.7 (169)	35.0 (508)
920085500032	31.80 (1 1/4)	46.10 (122/27)	7.15 (9/32)	10.1 (164)	30.2 (438)

*Additional diameters are available upon request.

CONTACT

