

VENABIO®

BRAIDED

PLUS

This product is braided using an enhanced polyester yarn structure. This provides high pressure resistance with one special single braiding and a maximum of 180°C.

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.


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


 **Roll length**
Available in 25ft and
50ft


 **Clean room**
Manufactured in
ISO14644-1 Class 7

 **Temperature**
-60°C / +180°C
(-76°F / +356°F)

 **Smoothness**
Reduces protein binding
and biofilm formation

 **Double Bag**
Double bagged under
vacuum

 **Animal free**
Animal derived
component free

 **Radiostable**
Gamma sterilization
available

BIOCOMPATIBILITY*

- USP 88 Class VI
- USP 87
- ISO 10993-4,5,6,10 & 11
- BfR XV
- EP 3.1.9
- FDA Standards 21 CFR
177.2600
- Extractables USP 665
- Leachables
- RoHS
- REACH (EC 1907/2006)

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

ADDITIONAL INFORMATION

- ADCF
- BPA free
- Nitrosamines free
- Melamine Free
- GMO Free
- TSE/BSE Free

STERILIZATION

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

2: the responsibility of the end-user
to assess the risk

*Sterilization available prior
shipment.

Reference	ID (mm, inches)	OD (mm, inches)	Wall (mm, inches)	Working Pressure (Bar/PSI at 20°C)	Burst Pressure (Bar/PSI at 20°C)
920085420511	4,8 (3/16)	11,10 (4/9)	3,20 (1/8)	15,9 (231)	47,7 (692)
920085420613	6,4 (1/4)	12,70 (1/2)	3,20 (1/8)	13,8 (200)	41,3 (599)
920085420916	9,5 (3/8)	15,90 (5/8)	3,20 (1/8)	11,1 (162)	33,4 (485)
920085421322	12,7 (1/2)	22,20 (7/8)	4,80 (3/16)	9,4 (136)	28,1 (408)
920085421625	15,9 (5/8)	25,40 (1)	4,80 (3/16)	8,1 (117)	24,2 (351)
920085421929	19,1 (3/4)	28,60 (1 1/8)	4,80 (3/16)	7,0 (102)	21,0 (305)
920085422232	22,2 (7/8)	31,80 (1 1/4)	4,80 (3/16)	6,4 (93)	19,2 (279)
920085422535	25,4 (1)	34,90 (1 3/8)	4,80 (3/16)	5,7 (83)	17,2 (249)

Additional dimensions not included in the table may be available upon request. Please contact your designated sales representative for further information. This technical data sheet applies to all VENABIO® BRAIDED PLUS tubes with reference 92008542*

CONTACT

