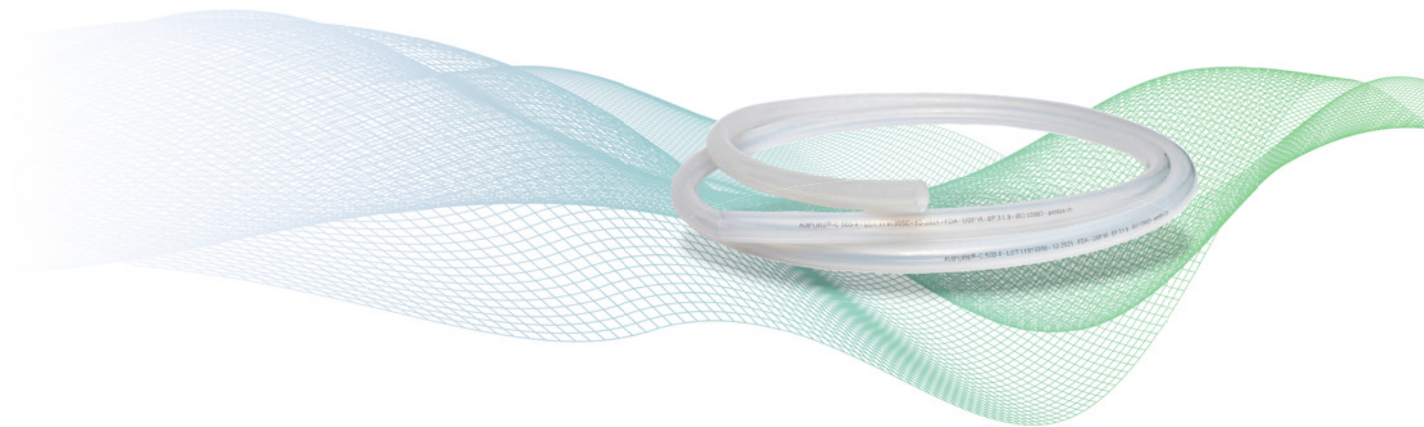


## AVIPURE® - C

Highly resistant platinum cured silicone tubing



### PRODUCT INFORMATION

AVIPURE® - C is designed to facilitate fluid transfer in the biopharmaceutical manufacturing processes

AVIPURE® - C is a highly resistant platinum cured silicone tubing and is available in 9 different dimensions. More sizes on request

### FEATURES & BENEFITS

- Produced entirely in Cleanroom ISO class 7
- Low extractable profile and unique Validation Guide for AVIPURE® - C available
- **Platinum Cured Silicone:** Resistant against weak acids and bases, and extraordinary heat and cold resistance
- **Translucent:** Visual contact with the fluid
- Printing of product information on the tubing for perfect traceability
- Coils wrapped in double PE-bags
- **“Low-Tack” significantly reduced surface friction:** Easier handling with gloves
- **Certificate of Conformance:** Delivered with each order for traceability

### APPLICATIONS

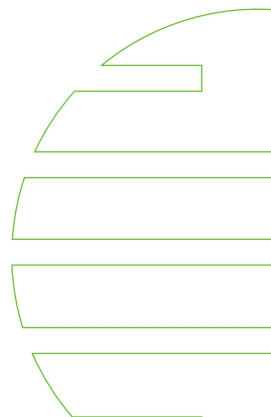
AVIPURE® - C is designed to be used in many pharmaceutical and biopharmaceutical applications such as:

- Media and Buffer processing
- Filtration
- Fermentation
- Cell harvest
- For pressure application use AVIPURE® - R

### FLEXIBILITY

AVIPURE® - C is available as non-sterile tubing coils and can also be mounted and sterilized on any single-use assembly, also suitable for over-molded version. Several dimensions are available to match the process requirements in terms of flow rate and to be perfectly adapted to the peristaltic pump for maximum pumping efficiency.

Technical contents are subject to change





## TECHNICAL DATA

### SPECIFICATIONS:

- Colour:** Natural silicone, translucent
- Material:** Platinum cured silicone  
Suitable for pumping
- Shore A hardness:** 60 ± 5
- Temperature range:** from -60°C to +200°C
- Tear strength:** > 8.0 MPa
- Elongation at break:** > 500%
- Compliant:** E.P. 3.1.9, USP <88>  
Class VI, ADCF
- Printing:** Physiologically inert ink
- Sterilization:** Gamma irradiation (Dose: 50kGy),  
Autoclave and with gas (EtO)
- Tubing coils packaging:** Primary and  
secondary PE bag
- Shelf life:** 5 years

### AVIPURE® - C IS TESTED FOR COMPLIANCE TO:

- E.P. 3.1.9
- USP <88>: Class VI Implant test, systemic toxicity tests and intracutaneous tests
- Cytotoxicity according to ISO 10993-5
- Hemolysis test according to ISO 10993-4
- LAL endotoxine test according to E.P. 2.6.14
- LAL endotoxine test according to USP<85>
- FDA 21 CFR 177.2600
- Animal Derived Component Free
- REACH

TYPE	ID X OD DIMENSIONS	WALL THICKNESS	TUBING COIL LENGTH	ARTICLE-NUMBER
	MM			
AVIPURE® - C 125-2	3.2 × 6.4	1.6	100	407HSC0125-2-100
AVIPURE® - C 250-2	6.4 × 9.5	1.6	50	407HSC0250-2-50
AVIPURE® - C 250-3	6.4 × 11.1	2.4	50	407HSC0250-3-50
AVIPURE® - C 375-4	9.5 × 15.9	3.2	25	407HSC0375-4-25
AVIPURE® - C 500-4	12.7 × 19.1	3.2	25	407HSC0500-4-25
AVIPURE® - C 625-4	15.9 × 22.2	3.2	25	407HSC0625-4-25
AVIPURE® - C 750-4	19.1 × 25.4	3.2	15	407HSC0750-4-15
AVIPURE® - C 750-5	19.1 × 28.6	4.8	15	407HSC0750-5-15
AVIPURE® - C 1000-5	25.4 × 34.9	4.8	10	407HSC1000-5-10

Other sizes on request

TYPE	ID X OD DIMENSIONS	WALL THICKNESS	TUBING COIL LENGTH	ARTICLE-NUMBER
	INCH			
AVIPURE® - C 125-2	1/8" × 1/4"	0.06	328	407HSC0125-2-100
AVIPURE® - C 250-2	1/4" × 3/8"	0.06	164	407HSC0250-2-50
AVIPURE® - C 250-3	1/4" × 7/16"	0.09	164	407HSC0250-3-50
AVIPURE® - C 375-4	3/8" × 5/8"	0.13	82	407HSC0375-4-25
AVIPURE® - C 500-4	1/2" × 3/4"	0.13	82	407HSC0500-4-25
AVIPURE® - C 625-4	5/8" × 7/8"	0.13	82	407HSC0625-4-25
AVIPURE® - C 750-4	3/4" × 1"	0.13	50	407HSC0750-4-15
AVIPURE® - C 750-5	3/4" × 1 1/8"	0.19	50	407HSC0750-5-15
AVIPURE® - C 1000-5	1" × 1 3/8"	0.19	32.8	407HSC1000-5-10

Other sizes on request

AVIPURE-C unreinforced Silicone Tubing is not intended for implantation, continuous steam applications, or elevated pressure levels  
 Technical contents are subject to change