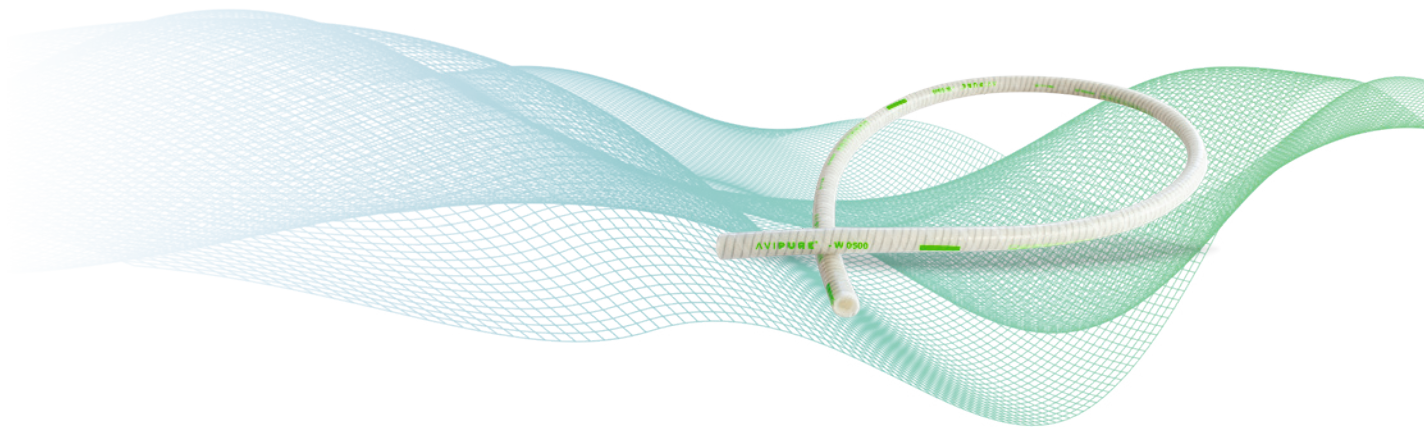


AVIPURE® - W

HIGHLY RESISTANT PLATINUM CURED SILICONE HOSE WITH BRAID AND STAINLESS STEEL WIRE REINFORCEMENT



PRODUCT INFORMATION

AVIPURE® - W is designed to facilitate pressurized fluid transfer in the biopharmaceutical manufacturing processes.

AVIPURE® - W is a highly resistant platinum cured silicone hose with braid and stainless steel wire reinforcement and is available in 6 different dimensions. More sizes on request.

FEATURES AND BENEFITS

- Produced entirely in Cleanroom ISO class 8
- Low extractable profile and unique Validation Guide for AVIPURE® - W available
- **Platinum Cured Silicone:** Resistant against weak acids and bases, and extraordinary heat and cold resistance
- Continuous extrusion of inliner allows smooth internal surface and optimum cleaning results
- Small bending radius
- Marking of product information on the hose 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

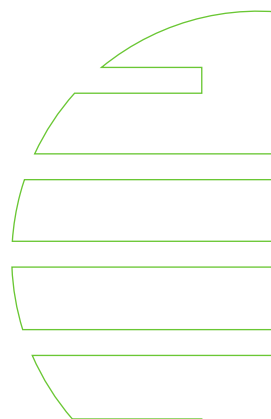
APPLICATIONS

AVIPURE® - W is designed to be used in many pharmaceutical and biopharmaceutical applications where pressure and vacuum resistance and a good bending radius is required such as:

- Transport of Liquid or semi-liquid fluids
- Vessel to vessel transfer
- Cell cultures

FLEXIBILITY

AVIPURE® - W is available as non-sterile hose coils of 10 m. Cutting of hose without special tools. Fits perfectly to the reusable hose connection AVILOC®. Longer sizes on request.





TECHNICAL DATA

SPECIFICATIONS:

- **Colour:** Translucent with braid reinforcement
- **Material:** Platinum cured silicone
- **Shore A hardness:** 63 ± 5
- **Temperature range:** from -60°C to +200°C
- **Tear strength:** > 9.0 MPa
- **Elongation at break:** > 400%
- **Compliant:** E.P. 3.1.9, USP <88> Class VI
- **Marking:** Layline with Type, Size, Lot-No and MFD
- **Sterilization:** Autoclave, SIP
- **Hose coils packaging:** Primary and secondary PE bag
- **Shelf life:** 7 years

AVIPURE® - W IS TESTED FOR COMPLIANCE TO:

- FDA 21 CFR 177.2600
- 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
- E.P. 3.1.9
- EU10/2011
- Animal Derived Component Free
- REACH
- 3A Sanitary Standard

TYPE	ID X OD DIMENSIONS	VACUUM	RECOM. WORKING PRESSURE AT 20°C	MIN. BURST PRESSURE AT 20°C	MIN. BEND RADIUS	HOSE COIL LENGTH	WEIGHT	ARTICLE-NUMBER
AVIPURE®	MM	BAR	BAR	BAR	MM	M	KG/M	
W 500	13 x 24	0.9	13	52	50	10	0.4	407HSW0500-10
W 750	19 x 30	0.9	11	44	70	10	0.6	407HSW0750-10
W 1000	25 x 36	0.9	10	40	90	10	0.7	407HSW1000-10
W 1250	32 x 43	0.9	8	32	115	10	0.9	407HSW1250-10
W 1500	38 x 51	0.9	7	28	140	10	1.2	407HSW1500-10
W 2000	51 x 64	0.9	6	24	190	10	1.6	407HSW2000-10

Other sizes on request

TYPE	ID X OD DIMENSIONS	VACUUM	RECOM. WORKING PRESSURE AT 68°F	MIN. BURST PRESSURE AT 68°F	MIN. BEND RADIUS	HOSE COIL LENGTH	WEIGHT	ARTICLE-NUMBER
AVIPURE®	INCH	PSI	PSI	PSI	INCH	FT	LBS/FT	
W 500	0.5 x 0.94	13	188	780	2.0	32.8	0.28	407HSW0500-10
W 750	0.75 x 1.18	13	160	660	2.8	32.8	0.38	407HSW0750-10
W 1000	1.0 x 1.42	13	145	600	3.6	32.8	0.48	407HSW1000-10
W 1250	1.25 x 1.69	13	116	480	4.6	32.8	0.56	407HSW1250-10
W 1500	1.5 x 2.0	13	102	420	5.5	32.8	0.81	407HSW1500-10
W 2000	2.0 x 2.52	13	88	360	7.5	32.8	1.04	407HSW2000-10

Other sizes on request

Remarks:

- The bursting pressure of the AVIPURE® - W hose is reduced by around 20% per temperature increase of 93°C until the maximum hose temperature is reached. The reduction is linear.
- Pressure limit rates can be limited by used end connections.
- Norm: ISO 1307 for dimensional tolerances

Technical contents are subject to change