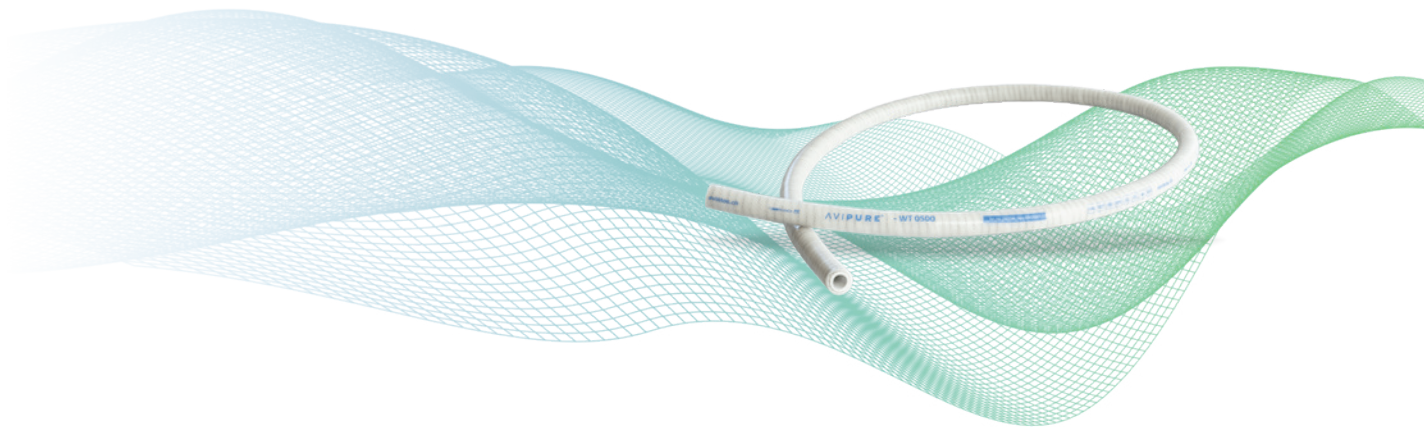


AVIPURE® - WT

HIGHLY RESISTANT PTFE INLINER WITH SILICONE COVER AND STAINLESS STEEL WIRE



PRODUCT INFORMATION

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

AVIPURE® - WT has an inliner made of Teflon® PTFE, which ensures a highly chemical resistance. The cover design made of silicone with braid and stainless steel wire reinforcement gives a high pressure resistance and maintain an outstanding flexibility.

The AVIPURE® - WT is available in 6 different dimensions. More sizes on request.

FEATURES AND BENEFITS

- “Extractable studies” for AVIPURE® - WT available
- **Pure PTFE:** Resistant against 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

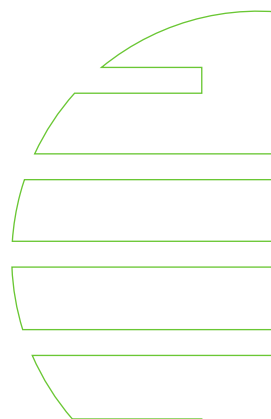
APPLICATIONS

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

- Transport of liquid or semi-liquid fluids
- Vessel or tank transfer
- CIP solution

FLEXIBILITY

AVIPURE® - WT is available as hose coils of 10 m. Cutting of hose without special tools. Fits perfectly to the reusable hose connection AVILOC®.



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TECHNICAL DATA

SPECIFICATIONS:

Colour: Inliner white, cover: natural silicone

Material: Teflon® Inliner with Silicone cover

Shore A hardness: 60 ± 5 (Silicone)

Temperature range: from -40°C to +150°C

Tear strength: > 9.0 MPa

Elongation at break: > 400%

Compliant: USP <88> Class VI, FDA

Marking: Layline with Type, Size, Lot-No and MFD

Sterilization: Autoclave, SIP

Hose coils packaging: Single PE bag

Shelf life: 5 years

AVIPURE® - WT IS TESTED FOR COMPLIANCE TO:

- **Teflon® PTFE Inliner:**
- FDA 21 CFR 177.1550
- USP <88>: Class VI Implant test, systemic toxicity tests and intracutaneous tests
- Cytotoxicity according to ISO 10993-5
- EU1935/2004 - EU10/2011
- 3A Sanitary Standard
- REACH

TYPE	ID X OD DIMENSIONS	VACUUM	WORKING PRESSURE AT 20°C	MINIMUM BURST PRESSURE AT 20°C	MINIMUM BEND RADIUS	HOSE COIL LENGTH	WEIGHT	ARTICLE-NUMBER
	MM	BAR	BAR	BAR	MM	M	KG/M	
WT 500	13 x 24	0.9	10	40	60	10	0.4	407HSWT0500-10
WT 750	19 x 30	0.9	10	40	90	10	0.7	407HSWT0750-10
WT 1000	25 x 36	0.9	10	40	115	10	0.8	407HSWT1000-10
WT 1250	32 x 43	0.9	8	32	150	10	1.1	407HSWT1250-10
WT 1500	38 x 50	0.9	7	28	180	10	1.4	407HSWT1500-10
WT 2000	50 x 62	0.9	7	28	230	10	1.8	407HSWT2000-10

Other sizes on request

TYPE	ID X OD DIMENSIONS	VACUUM	WORKING PRESSURE AT 68°F	MINIMUM BURST PRESSURE AT 68°F	MINIMUM BEND RADIUS	HOSE COIL LENGTH	WEIGHT	ARTICLE-NUMBER
	INCH	PSI	PSI	PSI	INCH	FT	LBS/FT	
WT 500	0.5 x 0.94	13	150	580	2.36	32.8	0.28	407HSWT0500-10
WT 750	0.75 x 1.18	13	150	580	3.54	32.8	0.46	407HSWT0750-10
WT 1000	1.0 x 1.42	13	150	580	4.53	32.8	0.54	407HSWT1000-10
WT 1250	1.25 x 1.69	13	115	460	5.91	32.8	0.74	407HSWT1250-10
WT 1500	1.5 x 1.97	13	105	410	7.09	32.8	0.94	407HSWT1500-10
WT 2000	1.97 x 2.44	13	105	410	9.06	32.8	1.21	407HSWT2000-10

Other sizes on request

Remarks:

- The bursting pressure of the AVIPURE® - WT 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