



APLT Ultra Low Temperature Silicone Tubing

Platinum Cured



New



AdvantaSil Ultra Low Temperature silicone tubing is a unique fluid flow product designed for applications where the tubing material is exposed to extremely low temperatures. AdvantaSil Ultra Low Temp remains flexible and crush resistant at -112°C — no cracking or loss of integrity. It's the first tubing of its kind and the optimal choice for applications related to bulk drug storage and transport.

AdvantaSil Ultra Low Temp has undergone extensive physical, chemical and biological testing and meets USP Class VI, FDA CFR 177.2600, ISO 10993, and EP 3.1.9 standards. Full BPOG standardized extractables test protocol has been performed by a fully-accredited, third-party test lab.



SILICONE

www.advantapure.com

KEY FEATURES

- Remains flexible and durable at temperatures as low as -112°C
- Allows for optimal freezer utilization since no clam shell is needed to protect the tubing
- Resists compression set and cracking at low temperatures
- Engineered for Single-Use applications
- Glass transition (T_g) temperature: -112°C
- Sterilizable by autoclave or gamma irradiation
- All assembly and final packaging is performed in an ISO Class 7 clean room
- Particulate testing per USP 788 is performed quarterly
- Available as molded manifold tubing assemblies, BioClosure® container closures with tubing, or as part of a bag assembly
- General temperature range: -112°C to 175°C (-169.6°F to 347°F)
- Certified free of animal-derived ingredients
- Documented lot traceable with identification on packaging
- Documented quality control per ISO 9001:2015



Available as
molded BioClosure®
container closures

Complete validation package available on request

Full BPOG standardized extractables test results available on request



SPECIFICATIONS

Product Number	I.D. (in.)	I.D. (mm.)	Wall (in.)	Wall (mm.)	O.D. (in.)	O.D. (mm.)	Standard Available Length (ft.)
APLT-0125-0250	.125	3.18	.063	1.59	.250	6.35	50
APLT-0250-0375	.250	6.35	.063	1.59	.375	9.52	50
APLT-0250-0500	.250	6.35	.125	3.18	.500	12.70	50
APLT-0375-0625	.375	9.52	.125	3.18	.625	15.88	50
APLT-0500-0750	.500	12.70	.125	3.18	.750	19.05	50

Sold by standard coil length of 50 ft. only. Add length suffix code "L" to product number when ordering. Example: 50 ft. of .125 in. I.D. x .250 in. O.D. tubing is product number APLT-0125-0250L. Coils are supplied double bagged in heat-sealed polybags and bulk packed. Contact your AdvantaPure Sales Representative for other packaging options.



Ideal for
Single-Use bag
assemblies



Moldable for
Single-Use assemblies

SILICONE

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for Your Benefit