

Ultra Low Temperature Silicone Tubing

APLT

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 and ISO 10993 standards. Full BPOG standardized extractables test protocol has been performed by a fully-accredited, third-party test lab.



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
- Included in our Rx-360 Joint Audit Program for Single-Use Systems



SPECIFICATIONS

Product Number	I.D. Ins. diameter		O.D. Outs. diameter		Wall		Standard Length (ft)
	(in.)	(mm.)	(in.)	(mm.)	(in.)	(mm.)	
APLT-0125-0250	0.125	3.18	0.250	6.35	0.063	1.59	50
APLT-0250-0375	0.250	6.35	0.375	9.52	0.063	1.59	50
APLT-0250-0500	0.250	6.35	0.500	12.70	0.125	3.18	50
APLT-0375-0625	0.375	9.52	0.625	15.88	0.125	3.18	50
APLT-0500-0750	0.500	12.70	0.750	19.05	0.125	3.18	50

Sold by standard coil length of 50 ft. only. Add length suffix code "L" to product number when ordering.

Example: 50 ft. of 0.125 in. I.D. x 0.250 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.

Similar Tubes

High Pressure Unreinforced Silicone Tubing	APHP
Ultra Low Temperature Silicone Tubing	APLT
Unreinforced Tubing	APST
Platinum Cured Silicone Tube	IPST
Platinum Cured Medical Grade Silicone Tubing	Med-X
Platinum Cured Tube	SPST