

## APHP High Pressure Unreinforced Silicone Tubing

APHP

AdvantaSil High Pressure silicone tubing is a high quality, cost effective solution designed for increased flow rates to reduce your processing time. AdvantaSil High Pressure is the optimal choice for Single-Use applications such as TFF, virus filtration, in line integrity testing of filtration assemblies, and high volume fluid transfer.

AdvantaSil High Pressure tubing has undergone extensive physical, chemical and biological testing and meets USP Class VI, FDA CFR 177.2600, ISO 10993, European Pharmacopoeia 3.1.9 and other standards. Full BPOG standardized extractables test protocol has been performed by a fully-accredited, third-party test lab.



### KEY FEATURES

- Allows for processing at higher flow rates
- Full vacuum capabilities on most sizes
- Flexible and translucent yet durable
- Eliminates particulate shedding that can occur when cutting braid reinforced hose
- Certified free of animal-derived ingredients
- General temperature range: -65°F (-53.9°C) to 400°F (204.4°C)
- Resists temperature extremes, compression set, chemical attack, ozone, radiation, moisture and environmental exposure
- Sterilizable by autoclave or gamma irradiation
- Available with validated sterility assurance of 10<sup>-6</sup> via gamma irradiation per ISO 11137 method Vdmax 25
- 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		Bending Radius		Standard Length
	(in.)	(mm.)	(in.)	(mm.)	(in.)	(mm.)	(in.)	(mm.)	
APHP-0250-0375	0.250	6.35	0.375	9.52	0.63	1.60	1.0	25	50
APHP-0375-0625	0.375	9.52	0.625	15.88	0.125	3.18	1.2	30	50
APHP-0500-0750	0.500	12.70	0.750	19.05	0.125	3.18	1.8	46	50
APHP-0750-1000	0.750	19.05	1.000	25.40	0.125	3.18	2.1	53	50
APHP-1000-1250	1.000	25.40	1.250	31.75	0.125	3.18	5.8	147	50

Product Number	Burst Pressure Non-Treated		Recommended Working Pressure based on 3:1 safety factor Non-Treated		Burst Pressure Gamma Irradiated 45 kGy		Recommended Working Pressure based on 3:1 safety factor Gamma Irradiated 45 kGy		Vacuum Capability
	(PSI)	(Bar)	(PSI)	(Bar)	(PSI)	(Bar)	(PSI)	(Bar)	
APHP-0250-0375	125	8.6	42	2.9	144	9.9	48	3.3	>29.5
APHP-0375-0625	177	12.2	59	4.1	211	14.5	70	4.8	>29.5
APHP-0500-0750	140	9.7	47	3.2	157	10.8	52	3.6	>29.5
APHP-0750-1000	109	7.5	36	2.5	123	8.5	41	2.8	>29.5
APHP-1000-1250	78	5.4	26	1.8	84	5.8	28	1.9	CF

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

Example: 50 ft. of 0.250" I.D. x 0.375" O.D. tubing is product number APHP-0250-0375L.

Non-listed sizes and custom lengths are available by special order.

Coils are supplied double bagged in heat-sealed polybags and bulk packed.

Contact your AdvantaPure Sales Representative regarding any special product or packaging needs.

Recommended working pressures are calculated from burst testing using a 3:1 safety factor.

Testing was performed at ambient temperature. Application testing is recommended.

CF= Consult factory



### 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