



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, inline 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.



SILICONE

[www.advantapure.com](http://www.advantapure.com)

### 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



Specific cutting techniques are strongly recommended for APHP. The tubing must be cut with a chevron style cutter at a 90 degree angle to the tubing. View cutter product details at <https://www.lislecorp.com/specialty-tools/hose/hose-cutter>.

**Complete validation package available on request**

**Full BPOG standardized extractables test results available on request**

# AdvantaSil® APHP High Pressure Unreinforced Silicone Tubing

## SPECIFICATIONS

Product Number	Nominal I.D.		Wall		O.D.		Bend Radius		Standard Available Length (ft.)
	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	
APHP-0125-0250	0.125	3.18	0.063	1.59	0.250	6.35	0.375	9.5	50
APHP-0250-0375	0.250	6.35	0.063	1.59	0.375	9.52	1	25	50
APHP-0375-0625	0.375	9.52	0.125	3.18	0.625	15.88	1.2	30	50
APHP-0500-0750	0.500	12.70	0.125	3.18	0.750	19.05	1.8	46	50
APHP-0750-1000	0.750	19.05	0.125	3.18	1.000	25.40	2.1	53	50
APHP-1000-1375	1.000	25.40	.0188	4.76	1.375	34.93	4.1	104	50
APHP-1500-1875	1.500	38.10	0.188	4.76	1.875	46.93	4.1	104	10

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 (in./Hg)
	(psi)	(bar)	(psi)	(bar)	(psi)	(bar)	(psi)	(bar)	
APHP-0125-0250	175	12.1	58	4.6	184	12.7	61	12.7	>29.5
APHP-0250-0375	109	7.5	36	2.5	127	8.8	42	2.9	>29.5
APHP-0375-0625	168	11.6	56	3.9	182	12.5	70	4.8	>29.5
APHP-0500-0750	124	8.5	41	2.8	138	9.5	46	3.2	>29.5
APHP-0750-1000	103	7.1	34	2.3	113	7.8	38	2.6	>29.5
APHP-1000-1375	76	5.2	25	1.7	105	7.2	35	2.4	>29.5
APHP-1500-1875	83	5.7	27	1.9	91	6.3	30	2.1	>29.5

The 1.5" APHP is compatible with Abec Bioreactors, CPC Aspective Connectors, and T and Y Connectors from Nordson.

Sold by standard coil length of 50 ft. Add length suffix code "L" to product number when ordering. Example: 50 ft. of .250 in. I.D. x .375 in. 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



Made in U.S.A.



Also available as mini and standard Tri-Clamp® ends — call for details!

**APHP requires proper cutting techniques for optimal performance.** See the instruction video at <http://www.advantapure.com/high-pressure-silicone-tubing.htm>.

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