

High Pressure Unreinforced Silicone Tubing

Translucent; Platinum Cured



New



AdvantaSil High Pressure silicone tubing is a high quality, cost effective solution designed for increased flow rates to reduce your processing time. The tubing's unreinforced characteristic allows for limited pumpability up to 30 psi back pressure and makes it easier to see your process fluids. 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 (six extraction solvents, tested to four different exposure times, out to 70 days) is in process with a fully-accredited, third-party test lab.

AdvantaSil High Pressure is not intended for implantation or continuous steam applications.



KEY FEATURES

- Allows for processing at higher flow rates
- Handles short run peristaltic pump applications requiring 30 psi back pressure — contact AdvantaPure Technical Support for details
- 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
- Validated sterility assurance of 10⁻⁶ via gamma irradiation per ISO 11137 method VDmax 25 pending
- Documented lot traceable with identification on bags
- Documented quality control

SILICONE

www.advantapure.com

Full BPOG standardized extractables test protocol in process



SPECIFICATIONS

Product Number	Nominal I.D.		Wall		O.D.		Bend Radius		Standard Available Length (ft.)
	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	
APHP-0250-0375	.250	6.35	.063	1.60	.375	9.52	1	25	50
APHP-0375-0625	.375	9.52	.125	3.18	.625	15.88	1.2	30	50
APHP-0500-0750	.500	12.70	.125	3.18	.750	19.05	1.8	46	50
APHP-0750-1000	.750	19.05	.125	3.18	1.000	25.40	2.1	53	50
APHP-1000-1250	1.000	25.40	.125	3.18	1.250	31.75	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 (in./Hg)
	(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

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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.

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DISTRIBUTED BY:

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for Your Benefit

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