

APST Unreinforced Tubing

Translucent, Platinum-Cured Silicone



Low-volatile grade, platinum-cured silicone tubing is clean-room produced for critical pharmaceutical, biopharm, cosmetic and food applications. AdvantaSil APST has undergone extensive physical, chemical and biological testing and meets USP Class VI, FDA CFR 177.2600, ISO 10993, and European Pharmacopoeia 3.1.9 standards. Full BPOG standardized extractables test protocol has been performed by a fully-accredited, third-party test lab.



SILICONE

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KEY FEATURES



- Particulate testing per USP 788 is performed quarterly
- All assembly and final packaging of extruded tubing is performed in an ISO Class 7 clean room
- Low volatile grade silicone suitable for pharmaceutical and biopharm applications
- Listed by the National Sanitation Foundation for food equipment materials (NSF-51)
- Certified free of animal-derived ingredients
- General temperature range: -100°F (-73.3°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 radiation
- Available with validated sterility assurance of 10^{-6} 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

Complete validation package available on request

Full BPOG standardized extractables test results available on request



SPECIFICATIONS

Product Number	Notes	I.D. (in.) (mm.)	Wall (in.) (mm.)	O.D. (in.) (mm.) (reference)	Working Pressure at 70°F (21.1°C) (PSI) (Bar)	Standard Available Length (ft.)
APST-0030-0160		.030 .76	.065 1.65	.160 4.06	53 3.7	50
APST-0063-0125		.063 1.59	.031 .79	.125 3.18	22 1.5	50
APST-0063-0188		.063 1.59	.063 1.59	.188 4.76	33 2.3	50
APST-0078-0141	*	.078 1.98	.031 .79	.141 3.58	17 1.2	50
APST-0094-0219		.094 2.38	.063 1.59	.219 5.56	25 1.7	100
APST-0094-0281		.094 2.38	.094 2.38	.281 7.14	34 2.3	100
APST-0125-0250		.125 3.18	.063 1.59	.250 6.35	23 1.6	50, 100, 500 spool
APST-0125-0313		.125 3.18	.094 2.38	.313 7.94	29 2.0	50
APST-0125-0375	*	.125 3.18	.125 3.18	.375 9.53	37 2.6	50
APST-0156-0281	*	.156 3.97	.063 1.59	.281 7.14	not available	100
APST-0156-0406		.156 3.97	.125 3.18	.406 10.31	33 2.3	50
APST-0188-0313		.188 4.76	.063 1.59	.313 7.94	16 1.1	50
APST-0188-0375	†	.188 4.76	.094 2.38	.375 9.53	21 1.4	50
APST-0188-0438		.188 4.76	.125 3.18	.438 11.11	25 1.7	50
APST-0250-0375		.250 6.35	.063 1.59	.375 9.53	13 .9	50, 100
APST-0250-0438		.250 6.35	.094 2.38	.438 11.11	18 1.2	50, 100, 300 spool
APST-0250-0500		.250 6.35	.125 3.18	.500 12.70	22 1.5	50, 100
APST-0313-0375	*	.313 7.94	.031 .79	.375 9.53	not available	50, 100
APST-0313-0438		.313 7.94	.063 1.59	.438 11.11	11 .8	25, 50
APST-0313-0500		.313 7.94	.094 2.38	.500 12.70	17 1.2	50, 100
APST-0313-0563	*	.313 7.94	.125 3.18	.563 14.30	21 1.4	50, 100
APST-0375-0500		.375 9.53	.063 1.59	.500 12.70	10 .7	50, 100
APST-0375-0563		.375 9.53	.094 2.38	.563 14.30	16 1.1	50, 100
APST-0375-0625		.375 9.53	.125 3.18	.625 15.88	16 1.1	25, 50, 100, 150 spool

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Product Number	Notes	I.D.		Wall		O.D.		Working Pressure at 70°F (21.1°C)		Standard Available Length (ft.)
		(in.)	(mm.)	(in.)	(mm.)	(in.)	(mm.)	(PSI)	(Bar)	
APST-0500-0625	*	.500	12.70	.063	1.59	.625	15.88	not available		50
APST-0500-0688		.500	12.70	.094	2.38	.688	17.48	11	.8	50
APST-0500-0750		.500	12.70	.125	3.18	.750	19.05	12	.8	50, 100
APST-0625-0875		.625	15.88	.125	3.18	.875	22.23	11	.8	50, 100
APST-0625-1000		.625	15.88	.188	4.76	1.000	25.40	16	1.1	25, 50
APST-0750-1000		.750	19.05	.125	3.18	1.000	25.40	10	.7	50, 100
APST-0750-1125	*	.750	19.05	.188	4.76	1.125	28.58	14	1.0	25, 50
APST-0875-1000		.875	22.23	.063	1.59	1.000	25.40	not available		50
APST-1000-1250		1.000	25.40	.125	3.18	1.250	31.75	8	.6	50
APST-1000-1375		1.000	25.40	.188	4.76	1.375	34.93	11	.8	25, 50
APST-1000-1500	*	1.000	25.40	.250	6.35	1.500	38.10	13	.9	50

Sold by standard coil length only. Add length suffix code to product number when ordering—see the **Coil Length Legend** at right for length suffix codes. Example: 25 ft. of .030 in. I.D. x .160 in. O.D. tubing is product number APST-0030-0160P.

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

Working pressures are calculated from burst testing using a 3:1 safety factor. Application testing is recommended.

Coils and spools are supplied double bagged in heat-sealed polybags and bulk packed. Contact your AdvantaPure Sales Representative for other packaging options.

Notes Legend:

*Limited stock availability; lead times and minimums may apply—call for details.

†Available in longer lengths on spools—call for details.

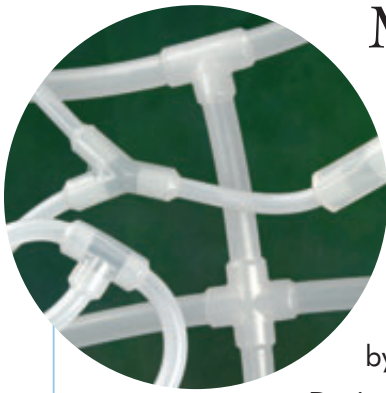
Coil Length Legend:

- P = 25 feet
- L = 50 feet
- K = 100 feet

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■ Molded mini and standard Tri-Clamp® fitting styles are available in sizes up to 1” tube I.D. The assemblies reduce installation time, improve cleanliness, and retain the many benefits of silicone. Contact AdvantaPure for details.



Molded Single-Use Manifold Assemblies

AdvantaPure specializes in the design and manufacture of molded Single-Use manifold assemblies for sampling and storage applications. These assemblies are available in AdvantaSil® APST or AdvantaFlex® biopharmaceutical grade TPE.

Molded manifolds help eliminate the need for barbed fittings while providing a seamless transition from tubing to connection. Molded connections eliminate the risk of leaks, contamination and failures caused by barbed fitting connections.

Designs range from simple molded sanitary ends to complex configurations with varying lengths of tubing and several molded connections.

Learn more at www.advantapure.com/single-use-molded-manifolds.htm



AdvantaFlex addresses the need for a flexible, sterilizable, moldable, weldable and heat sealable biopharmaceutical tubing without silicone oils. AdvantaFlex maintains its physical properties following sterilization processes, remains translucent for visible product flow and does not become gummy. The tubing resists kinking and is an excellent component for Single-Use systems.

Learn more at www.advantapure.com/advantaflex.htm

Purity in Fluid Flow Systems®



Made in U.S.A.

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