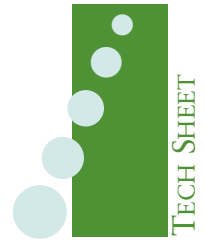


APST UNREINFORCED SILICONE TUBING

TRANSLUCENT, PLATINUM-CURED



Low-volatile grade, platinum-cured silicone tubing is clean-room produced for critical pharmaceutical, biomedical, cosmetic, and food applications. APST 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 3-A standards.

APST Unreinforced Silicone Tubing is not intended for implantation, continuous steam applications, or elevated pressure levels.



KEY FEATURES



- Hardness value of 50 Shore A
- Extremely flexible
- General temperature range: -100°F (-73.3°C) to 400°F (204.4°C)
- Sterilizable by autoclave or gamma radiation
- Available with validated sterility assurance of 10^{-6} via gamma irradiation per ISO 11137 method VDmax 25
- Low volatile grade suitable for pharmaceutical and biomedical applications
- Listed by the National Sanitation Foundation for food equipment materials (NSF-51)
- Certified free of animal-derived ingredients
- Resists temperature extremes, compression set, chemical attack, ozone, radiation, moisture, and environmental exposure
- Imparts no taste or odor to critical streams
- Stocked in 25 ft., 50 ft., and 100 ft. coils
- Supplied double bagged
- Documented lot traceable with identification on bags
- Documented quality control
- Complete validation package available upon request
- Non-listed sizes, custom lengths, and special packaging available upon request
- For pump applications, see APSPG Pump Grade Silicone Tubing
- APST has a Master File with the U.S. Food and Drug Administration (#26598)

SILICONE

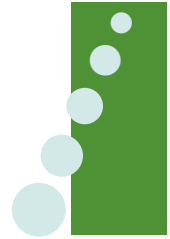
www.advantapure.com

AdvantaPURE
NEW AGE INDUSTRIES

PURITY IN FLUID FLOW SYSTEMS®

APST UNREINFORCED SILICONE TUBING

TRANSLUCENT, PLATINUM-CURED



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	25, 50
APST-0063-0125		.063 1.59	.031 .79	.125 3.18	22 1.5	25, 50, 100
APST-0063-0188		.063 1.59	.063 1.59	.188 4.76	33 2.3	25, 50, 100
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	25, 50, 100, 500 spool
APST-0125-0313		.125 3.18	.094 2.38	.313 7.94	29 2.0	25, 50, 100
APST-0125-0375	*	.125 3.18	.125 3.18	.375 9.53	37 2.6	50, 100
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	25, 50, 100
APST-0188-0375	†	.188 4.76	.094 2.38	.375 9.53	21 1.4	25, 50, 100
APST-0188-0438		.188 4.76	.125 3.18	.438 11.11	25 1.7	25, 50, 100
APST-0250-0313		.250 6.35	.031 .79	.313 7.94	not available	100
APST-0250-0375		.250 6.35	.063 1.59	.375 9.53	13 .9	25, 50, 100, 300 spool
APST-0250-0438		.250 6.35	.094 2.38	.438 11.11	18 1.2	25, 50, 100, 300 spool
APST-0250-0500		.250 6.35	.125 3.18	.500 12.70	22 1.5	25, 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, 100
APST-0313-0500		.313 7.94	.094 2.38	.500 12.70	17 1.2	25, 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	25, 50, 100
APST-0375-0563		.375 9.53	.094 2.38	.563 14.30	16 1.1	25, 50, 100

SILICONE



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-0375-0625		.375 9.53	.125 3.18	.625 15.88	16 1.1	25, 50, 100, 150 spool
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	25, 50
APST-0500-0750	†	.500 12.70	.125 3.18	.750 19.05	12 .8	25, 50, 100
APST-0625-0875		.625 15.88	.125 3.18	.875 22.23	11 .8	25, 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	25, 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	25, 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.

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.

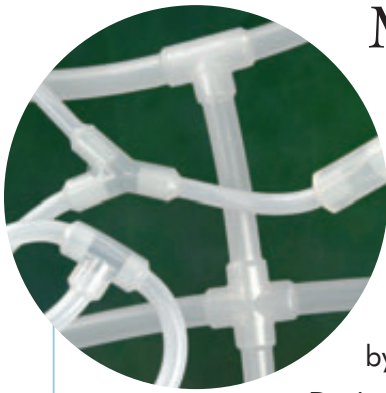
Notes Legend:

*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



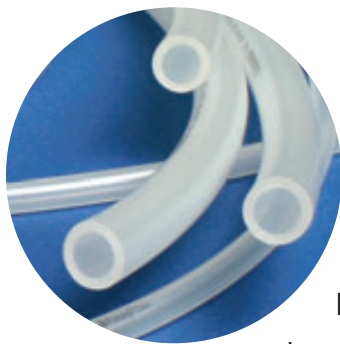
MOLDED SINGLE-USE MANIFOLD ASSEMBLIES

AdvantaPure specializes in the design and manufacture of molded Single-Use manifold assemblies for sampling and storage applications. These assemblies are available in APST platinum-cured silicone 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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Southampton, PA 18966 U.S.A.



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