

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 log reduction per ISO 11137 method VDmax
- Low volatile grade suitable for pharmaceutical and biomedical applications
- Certified 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
- Manufactured and packaged in a Class 7 (Class 10,000) ISO-certified clean room
- 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

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SPECIFICATIONS

Product Number	Notes	I.D.		Wall		O.D.		Standard Available Length (ft.)
		(in.)	(mm.)	(in.)	(mm.)	(in.) (reference)	(mm.)	
APST-0030-0066	*	.030	.76	.018	.46	.066	1.67	50
APST-0030-0160	‡	.030	.76	.065	1.65	.160	4.06	25, 50
APST-0040-0086	*	.040	1.02	.023	.58	.086	2.18	25, 100
APST-0063-0125	‡	.063	1.59	.031	.79	.125	3.18	25, 50, 100
APST-0063-0188	‡	.063	1.59	.063	1.59	.188	4.76	25, 50, 100
APST-0078-0141	*‡	.078	1.98	.031	.79	.141	3.58	50
APST-0094-0219		.094	2.38	.063	1.59	.219	5.56	100
APST-0094-0281	*	.094	2.38	.094	2.38	.281	7.14	50, 100
APST-0125-0250	†‡	.125	3.18	.063	1.59	.250	6.35	25, 50, 100
APST-0125-0313	‡	.125	3.18	.094	2.38	.313	7.94	25, 50, 100
APST-0125-0375	*	.125	3.18	.125	3.18	.375	9.53	50, 100
APST-0156-0281	*	.156	3.97	.063	1.59	.281	7.14	100
APST-0156-0406		.156	3.97	.125	3.18	.406	10.31	50
APST-0188-0250	*	.188	4.76	.031	.79	.250	6.35	50
APST-0188-0313	‡	.188	4.76	.063	1.59	.313	7.94	25, 50, 100
APST-0188-0375	†‡	.188	4.76	.094	2.38	.375	9.53	25, 50, 100
APST-0188-0438	‡	.188	4.76	.125	3.18	.438	11.11	25, 50, 100
APST-0250-0313		.250	6.35	.031	.79	.313	7.94	25, 100
APST-0250-0375	†‡	.250	6.35	.063	1.59	.375	9.53	25, 50, 100
APST-0250-0438	†‡	.250	6.35	.094	2.38	.438	11.11	25, 50, 100
APST-0250-0500	‡	.250	6.35	.125	3.18	.500	12.70	25, 50, 100
APST-0313-0375		.313	7.94	.031	.79	.375	9.53	50, 100
APST-0313-0438	‡	.313	7.94	.063	1.59	.438	11.11	25, 50, 100
APST-0313-0500	‡	.313	7.94	.094	2.38	.500	12.70	25, 50, 100
APST-0313-0563	*‡	.313	7.94	.125	3.18	.563	14.30	100
APST-0375-0438	*	.375	9.53	.031	.79	.438	11.11	50, 100
APST-0375-0500	‡	.375	9.53	.063	1.59	.500	12.70	25, 50, 100

SILICONE



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Product Number	Notes	I.D.		Wall		O.D.		Standard Available Length (ft.)
		(in.)	(mm.)	(in.)	(mm.)	(in.) (reference)	(mm.)	
APST-0375-0563	‡	.375	9.53	.094	2.38	.563	14.30	25, 50, 100
APST-0375-0625	†‡	.375	9.53	.125	3.18	.625	15.88	25, 50, 100
APST-0500-0563	*	.500	12.70	.031	.79	.563	14.30	25, 50
APST-0500-0625	*	.500	12.70	.063	1.59	.625	15.88	50
APST-0500-0688	‡	.500	12.70	.094	2.38	.688	17.48	25, 50
APST-0500-0750	†‡	.500	12.70	.125	3.18	.750	19.05	25, 50, 100
APST-0563-0750	*	.563	14.30	.094	2.38	.750	19.05	50
APST-0625-0875	‡	.625	15.88	.125	3.18	.875	22.23	25, 50, 100
APST-0625-1000	‡	.625	15.88	.188	4.76	1.000	25.40	25, 50
APST-0750-1000	‡	.750	19.05	.125	3.18	1.000	25.40	25, 50, 100
APST-0750-1125	*‡	.750	19.05	.188	4.76	1.125	28.58	25, 50
APST-0875-1000		.875	22.23	.063	1.59	1.000	25.40	50
APST-0875-1125	*	.875	22.23	.125	3.18	1.125	28.58	25, 50
APST-1000-1250	‡	1.000	25.40	.125	3.18	1.250	31.75	25, 50
APST-1000-1375	‡	1.000	25.40	.188	4.76	1.375	34.93	25, 50
APST-1000-1500	*	1.000	25.40	.250	6.35	1.500	38.10	25, 50

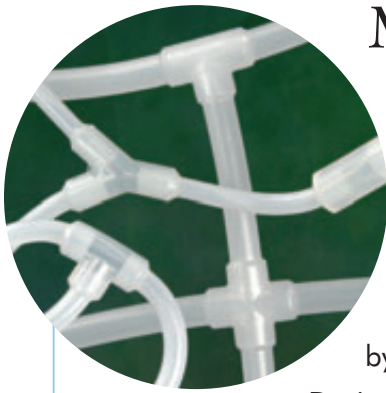
Sold by standard coil length only. Add length suffix code to product number when ordering—see the **Coil Length Legend** at right for length suffix codes. Example: 25 ft. of .030 in. I.D. x .160 in. O.D. tubing is product number APST-0030-0160P. Coils are supplied in heat-sealed polybags and bulk packed. Contact your AdvantaPure Sales Representative for other packaging options.

Coil Length Legend:

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

Notes Legend:

*Limited stock availability; lead times and minimums may apply—call for details.
†Available in longer lengths on spools—call for details.
‡Certain lengths available double bagged—call for details.



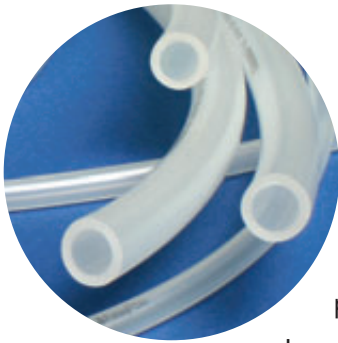
MOLDED SINGLE-USE MANIFOLD ASSEMBLIES

AdvantaPure specializes in the design and manufacture of molded Single-Use manifold assemblies for sampling and storage applications. These assemblies are available in 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®**
BioPharmaceutical Grade Tubing



AdvantaFlex addresses the need for a sterilizable, moldable, weldable and heat sealable biopharmaceutical tubing without silicone oils. AdvantaFlex maintains its physical properties following sterilization processes, resists kinking, remains translucent for visible product flow and does not become gummy. Its unique properties help it outperform similar tubing in peristaltic pumps.

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

Purity in Fluid Flow Systems®



Made in U.S.A.

Address: NewAge Industries AdvantaPure®
145 James Way
Southampton, PA 18966 U.S.A.



Toll Free Phone: **888-755-4370**
Phone: **215-526-2151**
Toll Free Fax: **888-258-4293**
Fax: **215-526-2167**
Web Site: **www.advantapure.com**
E-mail: **sales@advantapure.com**

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