

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 3A standards.

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



SILICONE

www.advantapure.com

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 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

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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
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



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-0750-0813		.750	19.05	.031	.79	.813	20.65	25, 50, 100
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.

MORE PRODUCTS

- Braid-reinforced platinum silicone hose
- Stainless steel wire and polyester mesh reinforced wrapped platinum silicone hose
- Polyester mesh reinforced 4-ply platinum silicone hose
- PTFE hose with stainless steel overbraiding (with or without overjacketing)
- Rubber-covered FEP or EPDM hose
- AdvantaFlex® BioPharmaceutical Grade Tubing
- Stainless steel sanitary crimp fittings and complete hose assemblies including molded silicone ends
- Custom hose identification solutions – silicone encased labels with color striping, laser-etched stainless steel collars, tubing/hose printing, solid color exterior layers, and color tracer braid
- Identification solutions including GammaTag®, Hose Track®, and the P•E•T Process Equipment Tracking® Identification & Lifecycle Analysis System
- Special hose coverings, cleaning, and packaging



Purity in Fluid Flow Systems®



Made in U.S.A.