

# APSH BRAID-REINFORCED SILICONE HOSE

PLATINUM-CURED



Low volatile grade, platinum-cured silicone hose is produced in AdvantaPure's certified Class 1000 clean room for critical pharmaceutical, biomedical, cosmetic, and food applications. Polyester yarn braiding inside the wall enhances pressure capabilities. APSH 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.

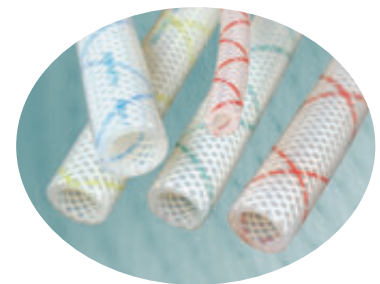
APSH Braid-Reinforced Silicone Hose is not intended for implantation.



## KEY FEATURES



- Hardness value of 65 Shore A (validatable core: 70A; cover: 60A)
- Extremely flexible
- General temperature range: -100°F (-73.3°C) to 400°F (204.4°C)
- Sterilizable by autoclave, CIP, SIP, and gamma radiation processes
- Low volatile grade suitable for pharmaceutical and biomedical applications
- Core made of NSF 51 listed silicone (National Sanitation Foundation)
- Resists temperature extremes, compression set, chemical attack, ozone, radiation, moisture, and environmental exposure
- Imparts no taste or odor to critical streams
- Stocked in 25 and 50 ft. coils
- Manufactured in a certified HEPA-filtered clean room
- Sealed in clear polybags during the manufacturing process to ensure cleanliness
- Documented lot traceable with identification on bags and boxes
- Documented quality control
- Complete validation package available upon request
- Color tracer braid available for easy identification
- Anti-wick seal option available to prevent liquid absorption at hose ends
- Custom lengths, sizes, special cleaning, and/or packaging available
- Available with Nomex® braid construction – call for details

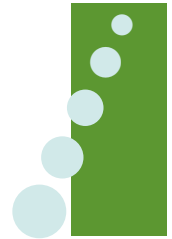
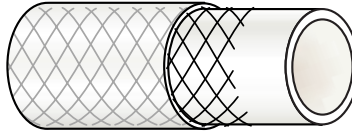


SILICONE

[www.advantapure.com](http://www.advantapure.com)

# APSH BRAID-REINFORCED SILICONE HOSE

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## SPECIFICATIONS

Product Number	Nominal I.D.		Wall		O.D.		Working Pressure		Burst Pressure*		Minimum Bend Radius		Weight per Foot / Meter	
	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	at 70°F (21.1°C) (PSI)	(Bar)	at 70°F (21.1°C) (PSI)	(Bar)	(in.)	(mm)	(lb.)	(kg)
APSH-P-0063	.063	1.59	.105	2.67	.282	7.16	200	13.79	775	53.44	CF	CF	.031	.046
APSH-P-0125	.125	3.18	.120	3.05	.375	9.53	175	12.07	700	48.27	CF	CF	.051	.076
APSH-P-0188	.188	4.76	.130	3.30	.462	11.73	170	11.72	650	44.82	CF	CF	.073	.109
APSH-P-0250	.250	6.35	.125	3.17	.500	12.70	140	9.65	550	37.92	1	25.4	.077	.115
APSH-P-0375	.375	9.53	.125	3.17	.625	15.88	140	9.65	550	37.92	1	25.4	.102	.152
APSH-P-0500	.500	12.70	.187	4.75	.875	22.23	105	7.24	420	28.96	3	76.2	.211	.314
APSH-P-0625	.625	15.88	.170	4.32	.990	25.15	100	6.90	400	27.58	3	76.2	.241	.359
APSH-P-0750	.750	19.05	.175	4.45	1.125	28.58	90	6.21	350	24.13	4	101.6	.287	.427
APSH-P-0875	.875	22.23	.180	4.57	1.260	32.00	65	4.48	250	17.24	5	127.0	.336	.500
APSH-P-1000	1.000	25.40	.190	4.83	1.405	35.69	60	4.14	225	15.51	6	152.4	.401	.597

Sold by standard coil length only; 25 or 50 feet available for all sizes. Add length suffix code to product number when ordering—see the Coil Length Legend at right for length suffix codes. Example: 50 ft. of .250 in. I.D. hose is product number APSH-P-0250L.

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

\*For every 100°F of temperature over 70°F (up to 400°F), reduce the burst pressure by 10%.

CF = Consult factory

### Coil Length Legend:

P = 25 feet

L = 50 feet

**NOTE:** When products are used as part of an assembly, the pressure ratings of fittings may be less than hose pressure ratings above. Please consult your sales representative.

SILICONE

## Purity in Fluid Flow Systems<sup>SM</sup>

APSH is part of a complete line of products for the Pharmaceutical, Biomedical, Cosmetic, and Food industries. Items available include . . .

- Unreinforced, 50 Shore A, platinum-cured silicone tubing
- 4-Ply mesh reinforced, mandrel-wrapped, platinum-cured silicone hose
- Wire and mesh reinforced, mandrel-wrapped, platinum-cured silicone suction hose
- Stainless steel or polypropylene overbraided PTFE hose; Rubber-covered FEP or EPDM core hose
- Sanitary fittings and complete hose assemblies, including fluoropolymer flare-throughs



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DISTRIBUTED BY:

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