

# APSH-DB DOUBLE-BRAID REINFORCED SILICONE HOSE

PLATINUM-CURED, POLYESTER BRAID



ffered as an alternative to mandrel-built wrapped silicone hose, APSH-DB provides several advantages over wrapped hose. APSH-DB, an extruded product, is less costly than wrapped hose and is available in lengths up to 50 feet. It offers more flexibility and comparable working pressure ratings. APSH-DB meets USP Class VI, FDA CFR 177.2600, ISO 10993, European Pharmacopoeia 3.1.9, and 3A standards.

APSH-DB is not intended for implantation and is not to be used for continuous steam applications.



## KEY FEATURES



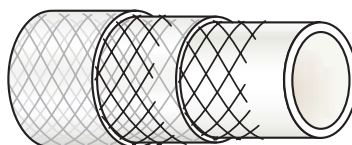
- Extremely flexible with excellent bend radii
- Less costly than wrapped-style silicone hose
- General temperature range: -100°F (-73.3°C) to 400°F (204.4°C)
- Sterilizable/autoclavable
- Low volatile grade suitable for pharmaceutical and biomedical applications
- Core made of NSF-51 listed silicone (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
- Shore A hardness values: validatable core: 70A; center jacket: 70A; outer cover: 60A
- Provided with white-colored outer silicone for a neat, clean appearance
- 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
- Custom lengths, color coding, 316L stainless steel sanitary fittings, hose assemblies, and/or packaging available

SILICONE

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

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## SPECIFICATIONS

Product Number	Nominal I.D.		Wall		O.D.		Working Pressure		Burst Pressure*		Bend Radius (in.)	Standard Available Length (ft.)
	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	at 70°F (21.1°C) (PSI)	(Bar)	at 70°F (21.1°C) (PSI)	(Bar)		
APSH-DB-0500	.500	12.70	.195	4.95	.890	22.60	150	10.34	600	41.36	2.5	25, 50
APSH-DB-0750	.750	19.05	.215	5.46	1.180	29.97	187.5	12.93	750	51.72	3.0	25, 50
APSH-DB-1000	1.000	25.40	.215	5.46	1.430	36.32	125	8.62	500	34.48	3.5	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: 50 feet of .500 in. I.D. hose is product number APSH-DB-0500L. Coils are supplied in heat-sealed 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%.

### 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®

APSH-DB 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
- Single braid-reinforced, platinum-cured silicone hose
- Wire and mesh reinforced, mandrel-wrapped, platinum-cured silicone suction hose
- Stainless steel overbraided PTFE hose; rubber-covered FEP and EPDM hose
- Sanitary fittings and complete hose assemblies including molded silicone ends
- Identification solutions including the Hose Track® Process Equipment ID & Lifecycle Analysis System
- Silicone injection molding capabilities – manifolds, stoppers, and sealing systems for single use processes



Made in U.S.A.

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

**AdvantaPure®**  
NEWAGE INDUSTRIES



DISTRIBUTED BY:

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**ESOP** Employee Owned  
for Your Benefit

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