

APSW 4-Ply, Wire-Reinforced, Mandrel-Wrapped, Silicone Suction Hose

Platinum-Cured; Smooth or Convuluted O.D.



Low volatile grade, platinum-cured silicone hose for critical pharmaceutical, biopharm, cosmetic, and food applications comprises the liner of AdvantaSil APSW. The liner is slipped onto a mandrel and wrapped with polyester mesh fabric, 316 stainless steel reinforcing wire and additional silicone. It's cured into a homogeneous hose to enhance its pressure and vacuum capabilities. AdvantaSil APSW has undergone extensive physical, chemical and biological testing and meets USP Class VI, FDA CFR 177.2600, ISO 10993 and European Pharmacopoeia 3.1.9 standards.

AdvantaSil APSW is not intended for implantation and is not to be used for continuous steam applications.



SILICONE

www.advantapure.com

KEY FEATURES

- Available with either a smooth O.D. or, for an improved range of flexibility, convoluted
- Low volatile grade silicone suitable for pharmaceutical, biopharm, cosmetic, and food applications such as ultrapure water transfer, food processing, washdown stations, skid systems, and other suction and discharge uses
- Hardness value of 70 Shore A
- Rated for full vacuum
- Crush and kink resistant; durable and heavy-duty
- AdvantaSil APSW has a Master File with the U.S. Food and Drug Administration (#27582)
- Listed by the National Sanitation Foundation for food equipment materials (NSF-51)
- Liner certified free of animal-derived ingredients
- General temperature range: -100°F (-73.3°C) to 350°F (176.6°C)
- Resists temperature extremes, chemical attack, ozone, radiation, moisture and environmental exposure
- Sterilizable by autoclave, CIP and SIP processes
- Documented lot traceable with identification on bags
- Documented quality control

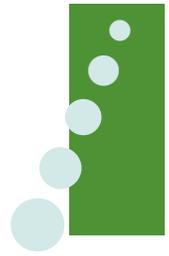


Liner

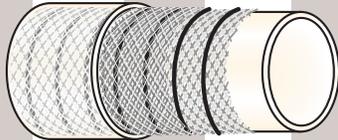
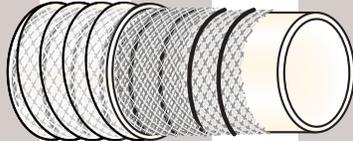


Complete validation package available on request

AdvantaSil™ APSW 4-Ply, Wire-Reinforced, Mandrel-Wrapped, Silicone Suction Hose



SPECIFICATIONS

Product Number	I.D.		O.D.		Vacuum Rating	Working Pressure at 70°F (21.1°C)		Burst Pressure at 70°F (21.1°C)		Minimum Bend Radius	Weight per Foot / Meter	
	(in.)	(mm)	(in.)	(mm)	(in./Hg.)	(PSI)	(Bar)	(PSI)	(Bar)	(in.)	(lb)	(kg)
APSW-P SMOOTH O.D.												
												
APSW-P-0500	.500	12.70	.910	23.11	>29	150	10.3	600	41.4	2.0	.281	.418
APSW-P-0750	.750	19.05	1.16	29.46	>29	150	10.3	600	41.4	2.5	.359	.534
APSW-P-1000	1.000	25.40	1.41	35.81	>29	150	10.3	600	41.4	3.5	.438	.652
APSW-P-1500	1.500	38.10	1.91	48.51	>29	150	10.3	600	41.4	4.0	.685	1.019
APSW-P-2000	2.000	50.80	2.41	61.21	>29	150	10.3	600	41.4	6.0	.875	1.302
APSW-P-2500	2.500	63.50	2.91	73.91	>29	125	8.6	500	34.5	11.0	1.050	1.562
APSW-P-3000	3.000	76.20	3.41	86.61	CF	100	6.9	400	27.6	13.0	1.230	1.830
APSW-P-4000	4.000	101.60	4.41	112.01	CF	100	6.9	400	27.6	CF	1.710	2.545
APSW-PC CONVOLUTED O.D.												
												
APSW-PC-0500	.500	12.70	.910	23.11	>29	150	10.3	600	41.4	2.0	.208	.309
APSW-PC-0750	.750	19.05	1.16	29.46	>29	150	10.3	600	41.4	2.5	.307	.457
APSW-PC-1000	1.000	25.40	1.41	35.81	>29	150	10.3	600	41.4	3.5	.390	.580
APSW-PC-1500	1.500	38.10	1.91	48.51	>29	150	10.3	600	41.4	4.0	.625	.930
APSW-PC-2000	2.000	50.80	2.41	61.21	>29	125	8.6	500	34.5	6.0	.775	1.153

Wall dimensions for all sizes and styles: .205"; 5.21mm
 Custom lengths and hose assemblies with an assortment of fittings are available.
 CF = Consult Factory

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®

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