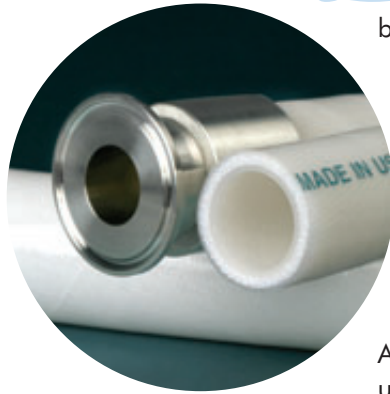


APSM 4-PLY MANDREL-WRAPPED SILICONE HOSE

PLATINUM-CURED



Low volatile grade, platinum-cured silicone hose, clean-room produced for critical pharmaceutical, biomedical, cosmetic, and food applications, comprises the core of APSM. The core is then slipped onto a mandrel and wrapped with polyester mesh fabric and additional silicone. It is cured into a homogeneous hose to enhance its pressure capabilities, making it ideal for discharge applications. APSM 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.

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



KEY FEATURES

- Low volatile grade silicone suitable for pharmaceutical, biomedical, cosmetic, and food applications
- Core made of NSF 51 listed silicone (National Sanitation Foundation)
- Hardness value of 70 Shore A
- Durable and heavy duty, yet flexible
- General temperature range: -100°F (-73.3°C) to 400°F (204.4°C)
- Sterilizable by autoclave, CIP, SIP, and gamma radiation processes
- Resists temperature extremes, compression set, chemical attack, ozone, radiation, moisture, and environmental exposure
- Imparts no taste or odor to critical streams
- Stocked in 12 ft. straight lengths
- Manufactured under good manufacturing procedures in a tightly-controlled environment
- Wrapped in clear polyethylene at manufacture to ensure cleanliness
- Documented lot traceable with identification on bags
- Documented quality control
- Complete validation package available upon request
- Formed elbows (90 or 45 degree) and coils available upon request
- Custom lengths, sizes, colors, special cleaning, and/or packaging available (lead times and minimum order quantities may apply – call for details)



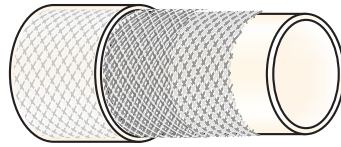
Core

SILICONE

www.advantapure.com

APSM 4-PLY MANDREL-WRAPPED SILICONE HOSE

PLATINUM-CURED



SPECIFICATIONS

Product Number	I.D.		O.D.		Working Pressure		Burst Pressure*		Minimum Bend Radius (in.)	Weight per	
	(in.)	(mm)	(in.)	(mm)	at 70°F (21.1°C) (PSI) (Bar)	at 70°F (21.1°C) (PSI) (Bar)	at 70°F (21.1°C) (PSI) (Bar)	at 70°F (21.1°C) (PSI) (Bar)		Foot (lb)	/ Meter (kg)
APSM-P-0500	.500	12.70	.920	23.36	150	10.3	600	41.4	2.5	.281	.418
APSM-P-0750	.750	19.05	1.17	29.71	150	10.3	600	41.4	4.5	.359	.534
APSM-P-1000	1.000	25.40	1.42	36.06	150	10.3	600	41.4	9.0	.438	.652
APSM-P-1500	1.500	38.10	1.92	48.76	150	10.3	600	41.4	12.0	.685	1.019
APSM-P-2000	2.000	50.80	2.42	61.46	125	8.6	500	34.5	CF	.875	1.302
APSM-P-2500	2.500	63.50	2.92	74.16	125	8.6	500	34.5	CF	1.050	1.562
APSM-P-3000	3.000	76.20	3.42	86.86	100	6.9	400	27.6	CF	1.230	1.830
APSM-P-4000	4.000	101.60	4.42	112.26	100	6.9	400	27.6	CF	CF	CF

Wall dimensions for all sizes and styles: .21"; 5.34mm

CF = Consult Factory

*For every 100°F of temperature over 70°F, reduce the burst pressure by 5%.

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®

APSM 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
- 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



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



DISTRIBUTED BY:

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**

©2009 NewAge® Industries, Inc. Specifications are subject to change without notice. AdvantaPure products are produced by NewAge® Industries, Inc. Hose Track™, NewAge Industries AdvantaPure®, the AdvantaPure logo, Purity in Fluid Flow Systems®, NewAge®, and the "N" logo are trademarks of NewAge® Industries, Inc.



WARRANTY: NewAge Industries AdvantaPure products are warranted to be free from defects in material and workmanship. Any product found to carry such defects will be replaced without charge. This warranty is limited only to the replacement of NewAge Industries AdvantaPure products, item for item, which after examination by NewAge Industries AdvantaPure are deemed defective. NewAge Industries AdvantaPure specifically disclaims any other liability. The data provided is provided as a helpful guideline and is believed to be reliable; however, nothing stated shall constitute a guarantee, recommendation, or warranty for any application.

NOTICE: NewAge Industries, Inc. has been a privately owned corporation since 1954. Neither the corporation nor its principals are affiliated, in any way, with any other group or entity either representing themselves as or being referred to by the term New-Age.